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Government
Publications

Report

OF THE MINISTER
OF LANDS AND FORESTS
OF THE PROVINCE
OF ONTARIO



Statistical

for the year ending

MARCH 31, 1952

Printed by order of THE LEGISLATIVE ASSEMBLY OF ONTARIO, TORONTO

TO HIS HONOUR,

*The Lieutenant-Governor of the Province
of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned begs respectfully to present
to your Honour, the Annual Report of the Department of Lands and Forests for the fiscal year April 1, 1951 to March 31, 1952.

WELLAND S. GEMMELL,
Minister.

Report

OF THE MINISTER

OF LANDS AND FORESTS

OF THE PROVINCE

OF ONTARIO

for the fiscal year ending

MARCH 31, 1952



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THE LEGISLATIVE ASSEMBLY

OF ONTARIO

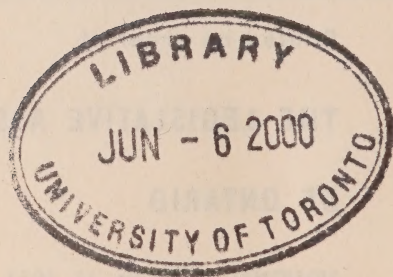
SESSIONAL PAPER No. 15, 1952

TORONTO, 1952

*Printed and Published by Baptist Johnston,
Printer to the Queen's Most Excellent Majesty*

This year, for the first time, the annual report of the Minister of Lands and Forests is presented in two parts. In addition to this volume, which contains a record of Departmental activities in graph, table, and chart form, a second, smaller volume, presents selected colour graphs and narrative of Divisional Highlights for the past fiscal year. A regular, detailed report is also available in mimeographed form upon request, thereby preserving a complete record of all activity in the Department of Lands and Forests during the past fiscal year.

In this way, Departmental activities are recorded in both brief and detailed forms, thus ensuring rapid access to whatever information is desired.



DIVISION OF ACCOUNTS

FINANCIAL REPORT

1. CASH RECEIPTS AND DISBURSEMENTS

The following summarizes the result of operations for the year.

Total—Cash Receipts	\$17,827,597.25
—Cash Disbursements	12,878,388.94

Excess of Receipts over Disbursements	\$4,949,208.31
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2. COMPARISON OF RESULTS WITH THOSE OF PRIOR YEARS

(a) Receipts

Cash receipts for the year under review compare with those of the previous four years as follows:

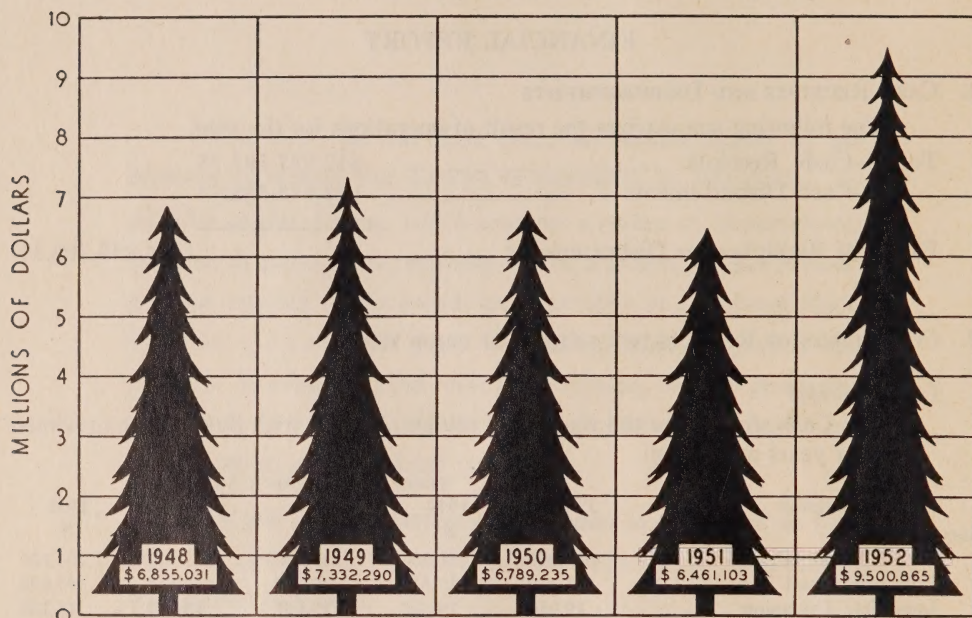
DIVISION	YEARS ENDING MARCH 31ST				
	1948	1949	1950	1951	1952
Accounts	\$	\$	\$	\$	\$
Water Power Rentals	694,859	759,570	811,664	827,937	1,101,125
Provincial Land Tax	185,470	217,521	242,292	322,661	367,696
Long Lac Diversion	19,950	19,500	19,050	18,600	18,150
Miscellaneous	24,825	26,225	21,778	22,692	24,524
Air Service	8,376	6,373	10,734	13,407	16,710
Fish and Wildlife	2,420,661	2,813,876	2,774,518	3,065,752	3,319,945
Forest Protection	53,230	48,330	70,707	38,975	55,473
Land and Recreational Areas	393,938	409,465	400,223	381,590	385,899
Reforestation	25,562	1,685	153	60	
Surveys	501	402	534	516	753
Timber Management	6,855,031	7,332,290	6,789,235	6,461,103	9,500,865
Mississagi Salvage Project			459,961	5,162,994	3,036,457
Operation & Personnel (Sylva)			1,406	1,217	
	10,682,403	11,635,237	11,602,255	16,317,504	17,827,597

(b) The following is a comparison of total disbursements for the five years ending March 31, 1952.

	YEARS ENDING MARCH 31ST				
	1948	1949	1950	1951	1952
DEPARTMENT OF LANDS AND FORESTS	\$	\$	\$	\$	\$
Total Disbursements					
Chargeable to Appropriation as voted	7,598,612	9,693,336	9,913,521	9,840,796	10,681,717
Mississagi Salvage Project		1,489,845	4,623,339	3,326,822	2,196,672
Additional Disbursements					
Uncontrollable items Special Warrant		217,621			
	7,598,612	11,400,802	14,536,860	13,167,618	12,878,389

TREND OF DEPARTMENTAL REVENUE

TIMBER RETURNS-CROWN DUES-GROUND RENT & FIRE TAX CHARGES
FOR THE FIVE YEARS ENDING 31 MARCH 1952



STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR YEAR ENDING 31st MARCH, 1952 RECEIPTS

DIVISION OF ACCOUNTS	
Water Power	\$1,101,125.17
Provincial Land Tax	367,695.92
Long Lac Diversion	18,150.00
Casual Fees, Surveys, Office Fees, etc.	21,773.97
Security Deposits	2,750.00
	<hr/> \$1,511,495.06
DIVISION OF AIR SERVICE	
Miscellaneous	16,710.03
DIVISION OF FISH AND WILDLIFE	
Licences, Royalty and Sundry	3,319,945.44
DIVISION OF FOREST PROTECTION	
Miscellaneous	55,473.15
DIVISION OF LAND AND RECREATIONAL AREAS	
Land Sales	\$ 186,225.03
Land Rentals (Other than Parks)	
Leases and Licences of Occupation	\$119,562.29
Temagami Islands	807.16
	<hr/> 120,369.45
Park Revenue	
Algonquin	
Rentals	\$14,512.29
Miscellaneous	14,482.35
	<hr/> \$ 28,994.64
Carried Forward	\$ 28,994.64

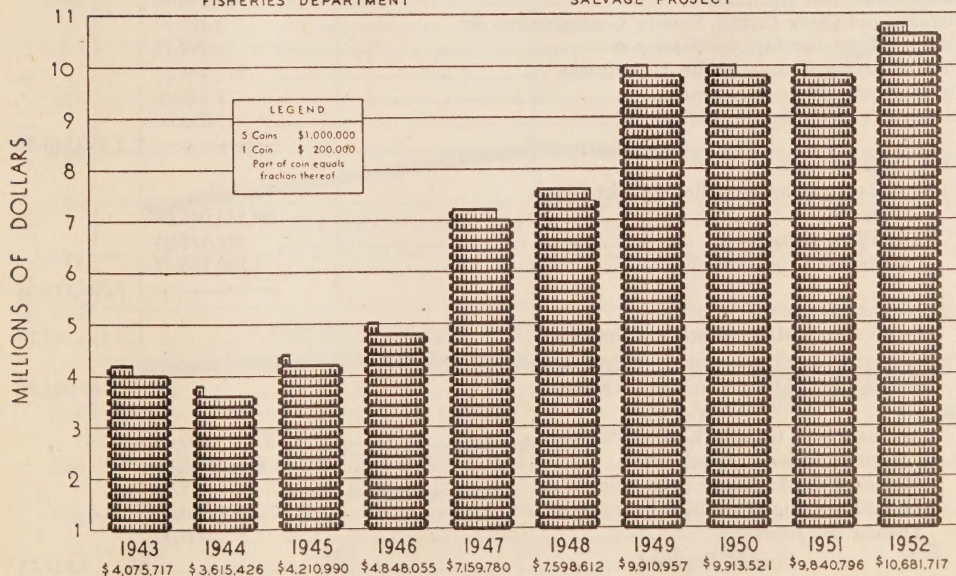
Brought Forward	\$ 28,994.64	
Rondeau		
Rentals	\$16,476.83	
Miscellaneous	3,085.45	
		19,562.28
Quetico		
Rentals	\$ 80.06	
Miscellaneous	1,445.00	
		1,525.06
Ipperwash Beach		
Rentals	\$ 952.00	
Miscellaneous	3,930.38	
		4,882.38
		54,964.36
Tourist Outfitters Licences		21,234.44
Other Lands Division Receipts		3,105.36
		385,898.64
DIVISION OF SURVEYS		
Aerial Surveys—Net Receipts		752.79
DIVISION OF TIMBER MANAGEMENT (See Schedule "B")		
Crown Dues	\$8,324,529.10	
Ground Rent	114,196.50	
Fire Tax	1,010,554.47	
Scalers' Wages	9,143.00	
Interest	9,928.40	
Mill Licences and Sundry	5,559.98	
	\$9,473,911.45	
Cash Deposits (Net)	26,953.65	
		9,500,865.10
MISSISSAGI SALVAGE PROJECT (See contra)		
Proceeds of sale of fire-damaged timber		3,036,457.04
TOTAL RECEIPTS		\$17,827,597.25

TREND OF TOTAL ANNUAL DISBURSEMENTS

FOR THE TEN YEARS ENDING 31 MARCH 1952

INCLUDES FORMER GAME AND
FISHERIES DEPARTMENT

DOES NOT INCLUDE MISSISSAGI
SALVAGE PROJECT

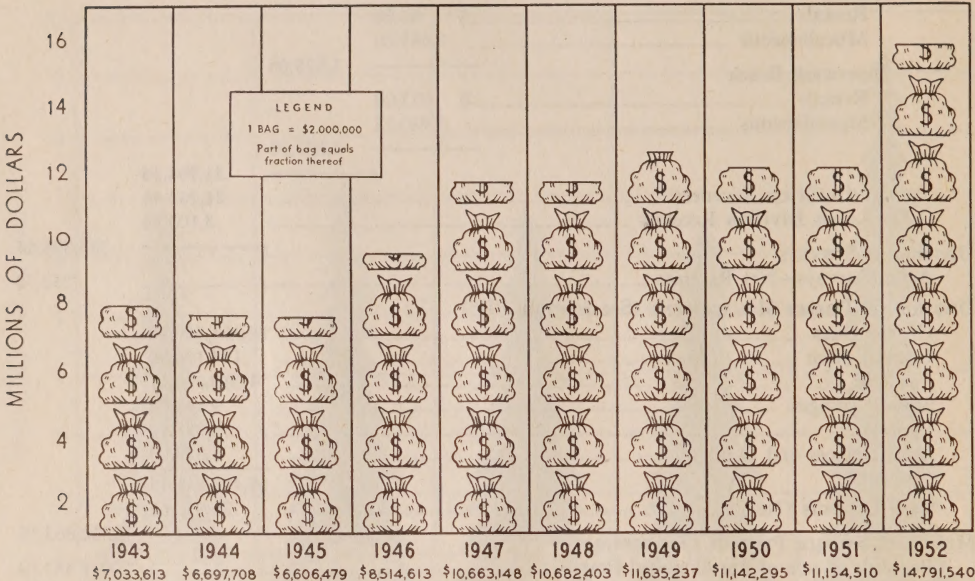


TREND OF TOTAL ANNUAL RECEIPTS

FOR THE TEN YEARS ENDING 31 MARCH 1952

INCLUDES FORMER GAME AND FISHERIES DEPARTMENT

DOES NOT INCLUDE MISSISSAGI SALVAGE PROJECT



DISBURSEMENTS

MAIN OFFICE

Minister's Salary—Statutory	\$ 8,000.00
Salaries—Permanent and Temporary	850,795.49
Travelling Expenses	48,853.04
Maintenance and Operating	15,316.91
Damage and Other Claims, Sundry Contingencies, etc.	3,468.22
Compensation for Injured Workmen	54,992.75
Cost of Living Bonus—Entire Department	922,141.08
Unemployment Insurance Stamps	1,970.46
Annuities and Bonuses to Indians	25,012.00
	<hr/> \$ 1,930,549.95

FIELD SERVICES

BASIC ORGANIZATION—including District Offices

Salaries	\$4,554,946.08
Travelling Expenses	562,428.01
Maintenance and Operating	1,888,136.47
	<hr/> 7,005,510.56

EXTRA FIRE FIGHTING

Salaries, etc., Maintenance and Operating	533,292.16
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FIRE PREVENTION, CONSERVATION OF FISH AND WILDLIFE AND REFORESTATION

Salaries, etc., Maintenance and Operating	97,988.80
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GRANTS

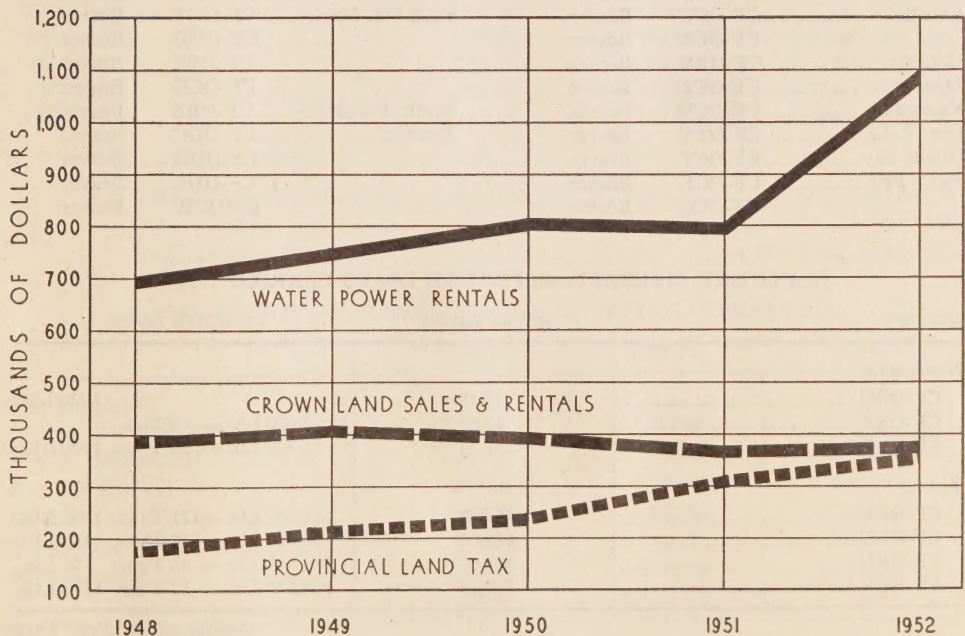
Association of Ontario Land Surveyors	\$ 200.00
Canadian Forestry Association	4,000.00
Municipalities in lieu of School Fees	1,837.75
Jack Miner Migratory Bird Foundation Inc.	1,500.00
Thomas R. Jones	300.00
Carried Forward	<hr/> \$ 7,837.75

Brought Forward	\$	7,837.75
E. L. Marsh	\$	100.00
Ontario Fur Breeders' Association Inc.		2,500.00
Ontario Federation of Commercial Fishermen		1,500.00
		<u>11,937.75</u>
WOLF BOUNTY		41,808.00
BEAR BOUNTY		4,180.00
DIVISION OF AIR SERVICE		
Salaries	\$	312,783.81
Travelling Expenses		17,227.41
Maintenance and Operating—including purchase of Aircraft		359,241.26
		<u>689,252.48</u>
DIVISION OF RESEARCH		
Salaries, etc., Maintenance and Operating		235,440.95
DIVISION OF SURVEYS		
Aerial Surveys	\$	20,458.25
Ground Surveys—Miscellaneous Expenses		110,965.85
Lac Seul Storage Dam—Control and Maintenance		332.26
		<u>131,756.36</u>
MISSISSAGI SALVAGE PROJECT (See contra)		
Salvaging fire-damaged timber—Salaries, travelling, maintenance expenses, advances to contractors, equipment purchases		2,196,671.93
TOTAL DISBURSEMENTS		<u>\$12,878,388.94</u>
Excess of Receipts over Disbursements		<u>4,949,208.31</u>
		<u>\$17,827,597.25</u>

TREND OF DEPARTMENTAL REVENUE

WATER POWER RENTALS - CROWN LAND SALES & RENTALS
PROVINCIAL LAND TAX

FOR THE FIVE YEARS ENDING 31 MARCH 1952



DIVISION OF AIR SERVICE

ALLOCATION OF AIRCRAFT 1951-52

BASE	REGISTRATION	TYPE	BASE	REGISTRATION	TYPE
Algonquin Park	CF-OCU	Beaver	Port Arthur	CF-OCC	Beaver
Caribou Lake	CF-OCT	Beaver	Red Lake	CF-OBV	Beaver
Chapleau	CF-OCH	Beaver	Remi Lake	CF-OCO	Beaver
Eva Lake	CF-OBX	Beaver	Sault Ste. Marie	CF-OCR	Beaver
Fort Frances	CF-OCN	Beaver		CF-OCL	Beaver
Geraldton	CF-OCB	Beaver		CF-OCW	Beaver
Gogama	CF-OBZ	Beaver	Sioux Lookout	CF-OCP	Beaver
Ignace	CF-OCI	Beaver		CF-OCX	Beaver
Kenora	CF-OBU	Beaver		CF-OCZ	Beaver
	CF-OCQ	Beaver	South Porcupine	CF-OCA	Beaver
Oba Lake	CF-OBS	Beaver	Sudbury	CF-OBT	Beaver
	CF-OCK	Beaver	Temagami	CF-OBW	Beaver
Orient Bay	CF-OCJ	Beaver	Twin Lakes	CF-OCG	Beaver
	CF-OCV	Beaver	Toronto	CF-OCY	Beaver
Pays Plat	CF-OCM	Beaver	Photographic		
Parry Sound	CF-OCE	Beaver	Operations	CF-OBK	Norseman
Pickle Lake	CF-OCS	Beaver			

The above Table shows the original allocation of aircraft, but the following aircraft operated for periods at the Bases shown:

BASE	REGISTRATION	TYPE	BASE	REGISTRATION	TYPE
Algonquin Park	CF-OCT	Beaver	Parry Sound	CF-OCL	Beaver
	CF-ODC	Beaver	Port Arthur	CF-OBY	Beaver
Chapleau	CF-OBX	Beaver		CF-ODB	Beaver
	CF-OCO	Beaver	Remi Lake	CF-OCK	Beaver
Eva Lake	CF-OCC	Beaver	Sault Ste. Marie	CF-OCY	Beaver
	CF-OCZ	Beaver		CF-ODD	Beaver
Gogama	CF-OBY	Beaver		CF-OBZ	Beaver
Ignace	CF-OCZ	Beaver		CF-OCK	Beaver
Kenogami	CF-OCV	Beaver	South Porcupine	CF-OBZ	Beaver
Oba Lake	CF-OBV	Beaver	Toronto	CF-ODC	Beaver
Orient Bay	CF-OCZ	Beaver		CF-ODD	Beaver
Pays Plat	CF-OCE	Beaver		CF-ODE	Beaver
	CF-OCO	Beaver		CF-OCW	Beaver

TRANSPORT AIRCRAFT—EFFECTIVE LOADS CARRIED 1951-52

AIRCRAFT	HOURS FLOWN	EFFECTIVE LOADS
NORSEMAN		
CF-OBG	15.45	1020 Lbs.
CF-OBI	10.05	2,000 Lbs.— 1 Ton
CF-OBK	281.35	41,900 Lbs.— 20 Tons, 1900 Lbs.
BEAVER		
CF-OBS	412.05	243,340 Lbs.—121 Tons, 1340 Lbs.
CF-OBT	473.05	290,150 Lbs.—145 Tons, 150 Lbs.
CF-OBU	339.05	126,075 Lbs.— 63 Tons, 75 Lbs.
CF-OBV	277.25	105,570 Lbs.— 52 Tons, 1570 Lbs.

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AIRCRAFT	HOURS FLOWN	EFFECTIVE LOADS
CF-OBW	438.25	295,000 Lbs.—147 Tons, 1000 Lbs.
CF-OBX	199.35	178,060 Lbs.— 89 Tons, 60 Lbs.
CF-OBY	454.25	471,005 Lbs.—235 Tons, 1005 Lbs.
CF-OBZ	324.35	332,729 Lbs.—166 Tons, 729 Lbs.
CF-OCA	277.15	165,170 Lbs.— 82 Tons, 1170 Lbs.
CF-OCB	457.30	289,445 Lbs.—144 Tons, 1445 Lbs.
CF-OCC	469.35	472,690 Lbs.—236 Tons, 690 Lbs.
CF- OCD	255.40	133,325 Lbs.— 66 Tons, 1325 Lbs.
CF-OCE	273.40	78,155 Lbs.— 39 Tons, 155 Lbs.
CF-OCG	334.15	214,165 Lbs.—107 Tons, 165 Lbs.
CF-OCH	403.10	295,620 Lbs.—147 Tons, 1620 Lbs.
CF-OCI	397.45	204,460 Lbs.—102 Tons, 460 Lbs.
CF-OCJ	402.10	174,520 Lbs.— 87 Tons, 520 Lbs.
CF-OCK	381.40	153,810 Lbs.— 76 Tons, 1810 Lbs.
CF-OCL	305.55	174,305 Lbs.— 87 Tons, 305 Lbs.
CF-OCM	216.55	191,460 Lbs.— 95 Tons, 1460 Lbs.
CF-OCN	300.30	199,575 Lbs.— 89 Tons, 1575 Lbs.
CF-OCO	335.55	205,315 Lbs.—102 Tons, 1315 Lbs.
CF-OCP	276.40	141,580 Lbs.— 70 Tons, 1580 Lbs.
CF-OCQ	511.15	242,300 Lbs.—121 Tons, 300 Lbs.
CF-OCR	382.25	243,590 Lbs.—121 Tons, 1590 Lbs.
CF-OCS	438.10	200,965 Lbs.—100 Tons, 965 Lbs.
CF-OCT	328.50	164,739 Lbs.— 82 Tons, 739 Lbs.
CF-OCU	408.20	232,818 Lbs.—116 Tons, 818 Lbs.
CF-OCV	331.15	130,355 Lbs.— 65 Tons, 355 Lbs.
CF-OCW	281.35	156,250 Lbs.— 78 Tons, 250 Lbs.
CF-OCX	413.45	184,716 Lbs.— 92 Tons, 716 Lbs.
CF-OCY	238.20	56,982 Lbs.— 28 Tons, 982 Lbs.
CF-OCZ	94.40	39,915 Lbs.— 18 Tons, 1915 Lbs.
CF-ODA	264.30	92,170 Lbs.— 46 Tons, 170 Lbs.
CF-ODB	357.30	182,230 Lbs.— 91 Tons, 230 Lbs.
CF-ODC	152.30	56,650 Lbs.— 28 Tons, 650 Lbs.
CF-ODD	106.50	22,550 Lbs.— 11 Tons, 550 Lbs.
CF-ODE	175.45	41,962 Lbs.— 20 Tons, 1962 Lbs.

TOTAL TRANSPORT SECTION:—

Total Flying Time, Hours.....	12,800.20
Total Loading, Lbs.....	7,327,616
Total Loading, Tons.....	3,663 Tons, 1,616 Lbs.

HOURS FLOWN ON VARIOUS PHASES OF FLYING OPERATIONS

	1949-51	1951-52	TOTAL
Fire Ranging (Detection and Suppression).....	11,136.55	5,497.45	16,634.40
Timber Management.....	1,541.50	903.05	2,444.55
Fish and Wildlife.....	3,673.35	2,086.15	5,759.50
Lands.....	393.30	152.55	546.25
Commercial Flying.....	511.10	188.20	699.30
Administration.....	7,330.55	3,972.00	11,302.55
	24,587.55	12,800.20	37,388.15

BREAK-DOWN OF ADMINISTRATION

	1951-52	TOTAL		1951-52	TOTAL
Mercy Flights	168.20	168.20	Transportation Ordinary ..	1,693.30	1,693.30
Tests (Radio and Aircraft) ..	168.30	168.30	Transportation Special	799.05	799.05
Ferrying and Instruction ..	206.10	206.10	Photography	273.00	273.00
Research, incl. Entomology			Reforestation	17.00	17.00
and Dusting	360.00	360.00			
Air Service Operations	286.25	286.25		3,972.00	3,972.00

PASSENGERS AND PERSONNEL CARRIED

	1924-51	1951-52	TOTAL
Passengers Carried	223,410	30,439	253,849
Personnel Carried	100,264	5,410	105,674
Total Passengers and Personnel Carried ..	323,674	35,849	359,523
Effective Loads Flown, Lbs.	69,164,254	7,327,616	76,491,870
Effective Loads Flown, Tons	34,582 Tons 254 Lbs.	3,663 Tons 1,616 Lbs.	38,245 Tons 1,870 Lbs.

FLYING TIME—PILOTS

PILOTS	1924-51	1951-52	TOTAL
Burton, E. C.	2,669.50	341.45	3,011.35
Burton, J. O.	1,479.50	532.25	2,012.15
Burt, A. E.	3,318.05	457.30	3,775.35
Buckworth, W. B.	3,012.00	7.15	3,019.15
Calladine, T. J.	645.15	366.45	1,012.00
Canfield, G. S.	—	406.20	406.20
Colfer, A. P.	196.05	401.45	597.50
Cooke, T. C.	2,056.00	449.55	2,505.55
Culliton, J. P.	3,425.10	45.25	3,470.35
Denley, J. G.	2,726.00	530.10	3,256.10
Donnelly, J. T.	2,777.45	431.30	3,209.15
Evans, F. B.	617.30	330.35	948.05
Fahlgren, D. G.	—	336.55	336.55
Fawcett, T. B.	734.15	300.25	1,034.40
Hoar, H. A.	416.50	328.05	744.55
Kincaid, J.	2,280.55	510.30	2,791.25
Kingdon, O. F.	2,042.15	441.05	2,483.20
Kirk, C. J.	562.30	437.20	999.50
Lanktree, W. J.	—	419.30	419.30
Lefevure, C. J.	4,054.55	454.35	4,509.30
MacDougall, F. A.	4,228.05	116.30	4,344.35
Parsons, R.	4,204.00	509.30	4,713.30
Poulin, L. D.	3,833.45	475.40	4,309.25
Ponsford, G. E.	725.50	100.10	826.00
Phillips, G. H. R.	8,696.35	537.30	9,234.05
Reid, D. M.	1,518.00	386.00	1,904.00
Siegel, J.	1,896.40	262.45	2,159.25
Speight, H. C.	2,383.20	446.45	2,830.05
Sandison, A. G.	734.30	437.55	1,172.25
Stone, R. W. E.	1,418.20	255.10	1,673.30
Shrive, A. N.	704.45	341.45	1,046.30
Smith, A. B.	3,126.00	462.55	3,588.55

Continued on Next Page

PILOTS	1924-51	1951-52	TOTAL
Thomas, E.	232.50	281.00	513.50
Trussler, G. E.	4,621.25	245.45	4,867.10
Taylor, J. M.	2,810.40	95.35	2,906.15
Wilson, E. J.	—	304.35	304.35
All Other Pilots	125,727.20	11.05	125,738.25
	199,877.15	12,800.20	212,677.35

FLYING TIME—AIRCRAFT

AIRCRAFT	1924-51	1951-52	Total
NORSEMAN			
CF-OBG	2,296.40	15.45	2,312.25
CF-OBI	1,980.25	10.05	1,990.30
CF-OBR	1,318.45	281.35	1,600.20
BEAVER			
CF-OBS	1,314.15	412.05	1,726.20
CF-OBT	971.30	473.05	1,444.35
CF-OBV	1,103.55	339.05	1,443.00
CF-OBW	836.45	277.25	1,114.10
CF-OBX	1,144.00	438.25	1,582.25
CF-OBZ	691.25	199.35	891.00
CF-OCB	785.35	454.25	1,240.00
CF-OCB	682.35	324.35	1,007.10
CF-OCA	582.15	277.15	859.30
CF-OCB	672.20	457.30	1,129.50
CF-OCC	536.45	469.35	1,006.20
CF-OCD	541.45	255.40	797.25
CF-OCE	759.55	273.40	1,033.35
CF-OCG	568.55	334.15	903.10
CF-OCH	641.05	403.10	1,044.15
CF-OCI	915.45	397.45	1,313.30
CF-OCJ	461.10	402.10	863.20
CF-OCK	702.00	381.40	1,083.40
CF-OCL	706.40	305.55	1,012.35
CF-OCM	656.10	216.55	873.05
CF-OCN	621.00	300.30	921.30
CF-OCO	222.35	335.55	558.30
CF-OCQ	549.20	276.40	826.00
CF-OCR	538.05	511.15	1,049.20
CF-OCR	421.35	382.25	804.00
CF-OCS	830.45	438.10	1,268.55
CF-OCT	531.05	328.50	859.55
CF-OCU	445.40	408.20	854.00
CF-OCV	201.30	331.15	532.45
CF-OCW	273.20	281.35	554.55
CF-OCX	128.20	413.45	542.05
CF-OCY	116.35	238.20	354.55
CF-OCZ	—	94.40	94.40
CF-ODA	—	264.30	264.30
CF-ODB	—	357.30	357.30
CF-ODC	—	152.30	152.30
CF-ODD	—	106.50	106.50
CF-ODE	—	175.45	175.45
All Other Aircraft	173,216.05	—	173,216.05
	198,966.30	12,800.20	211,766.50

DIVISION OF FISH AND WILDLIFE

COMPARATIVE TABLE SHOWING FISH DISTRIBUTION ACCORDING TO SPECIES

SPECIES	1947	1948	1949	1950	1951
Smallmouth Bass					
Fry.....	1,457,000	1,402,500	1,532,500	1,505,500	935,000
Fingerlings.....	579,925	554,900	398,100	346,200	402,250
Yearlings and Adults.....	5,099	3,459	6,729	9,151	13,910
Largemouth Bass					
Fry.....	305,000	410,000	550,000	550,000	825,500
Fingerlings.....	6,100	300	15,500	52,730	144,750
Yearlings and Adults.....	876	789	249	372	601
Maskinonge					
Fry.....	2,790,000	3,135,000	2,750,000	3,350,000	2,360,000
Fingerlings.....	11,540	24,600	37,550	29,700	21,940
Adults.....	127	195	—	—	—
Perch					
Fry.....	12,000,000	—	—	—	—
Pickarel					
Fry.....	254,030,000	267,170,000	312,900,000	160,200,000	234,610,000
Brown Trout					
Fry.....	—	9,000	10,000	10,000	—
Fingerlings.....	—	557,505	175,000	307,000	282,700
Yearlings.....	375,850	350,113	221,800	85,475	54,900
Lake Trout					
Fry.....	—	1,000,000	1,000,000	1,450,000	1,775,000
Fingerlings.....	3,467,645	4,858,300	5,561,700	4,488,820	3,146,600
Yearlings.....	89,050	77,055	81,200	54,960	133,677
Rainbow Trout					
Fingerlings.....	3,850	27,900	—	—	9,500
Yearlings.....	—	8,350	—	—	—
Kamloops Trout					
Fingerlings.....	—	—	2,000	—	—
Yearlings.....	16,100	4,600	32,000	52,000	34,600
Adults.....	115	100	—	—	—
Speckled Trout					
Fry.....	—	1,000	16,000	—	—
Fingerlings.....	517,400	882,450	1,475,300	1,004,700	944,900
Yearlings.....	2,802,150	2,333,910	2,938,325	3,140,960	3,087,350
Adults.....	1,860	5,270	2,046	8,060	12,230
Whitefish					
Fry.....	233,316,125	243,482,000	245,150,000	235,200,000	121,185,000
Herring					
Fry.....	23,940,000	20,375,000	8,400,000	5,100,000	8,100,000
Atlantic Salmon					
Fingerlings.....	59,000	101,400	112,000	—	—

Continued on Next Page

SPECIES	1947	1948	1949	1950	1951
Ouananiche					
Fingerlings.....	—	—	800	—	—
Yearlings.....	—	—	—	400	—
Adults.....	—	—	—	35	—
TOTALS	535,774,812	546,775,696	583,368,799	416,946,063	378,080,408

DISTRIBUTION BY AGE GROUPS 1951

SPECIES	FRY	FINGERLINGS	YEARLINGS	ADULTS	TOTALS
Whitefish.....	121,185,000	—	—	—	121,185,000
Herring.....	8,100,000	—	—	—	8,100,000
Yellow Pickerel.....	234,610,000	—	—	—	234,610,000
Lake Trout.....	1,775,000	3,146,600	133,677	—	5,055,277
Brown Trout.....	—	282,700	54,900	—	337,600
Kamloops Trout.....	—	—	34,600	—	34,600
Speckled Trout.....	—	944,900	3,087,350	12,230	4,044,480
Rainbow Trout.....	—	9,500	—	—	9,500
Smallmouth Bass.....	935,000	402,250	—	13,910	1,351,160
Largemouth Bass.....	825,500	144,750	—	601	970,851
Maskinonge.....	2,360,000	21,940	—	—	2,381,940
TOTALS	369,790,500	4,952,640	3,310,527	26,741	378,080,408

COMPARATIVE STATEMENT OF THE YIELD OF THE FISHERIES
OF ONTARIO, BY LAKE.

LAKE	1950 POUNDS	1951 POUNDS	INCREASE POUNDS	DECREASE POUNDS
Ontario.....	2,219,297	2,410,424	191,127	—
Erie.....	16,866,059	13,144,053	—	3,722,006
St. Clair.....	468,873	389,118	—	79,755
Huron.....	1,300,505	1,473,654	173,149	—
Georgian Bay.....	2,794,118	3,720,115	925,997	—
North Channel.....	667,864	548,385	—	119,479
Superior.....	2,654,618	2,850,864	196,346	—
Northern Inland.....	5,228,991	5,727,579	498,588	—
Southern Inland.....	555,488	707,233	151,745	—
TOTAL.....	32,755,813	30,971,525	2,136,952	3,921,240
NET DECREASE.....				1,784,288

STATISTICS OF THE FISHING INDUSTRY IN THE PUBLIC WATERS OF ONTARIO FOR THE YEAR ENDING DECEMBER 31, 1951

EQUIPMENT

No. of Men	Tugs		Gasoline Launches		Sail and Row-boats		Gill Nets		Seine Nets		Pound and Trap Nets		Hoop Nets		Dip and Roll Nets		Night Lines		Trotling Lines		Freezers and Ice Houses		Piers and Wharves		Total Value \$
	No.	Tons	Value \$	No.	Value \$	No.	Value \$	Yards	Value \$	No.	Yards	Value \$	No.	Value \$	No.	Value \$	No.	Val. \$	No.	Val. \$	No.	Value \$	No.	Value \$	
Northern Inland Waters.	1,096	9	76,807	240	180,912	354	34,425	735,950	180,187	.....	39	26,750	73	6,546	4	18	6,000	1,128	.....	158	71,158	128	27,995	605,926
Lake Superior.....	318	11	204	126,000	136	193,100	61	8,605	1,365,145	321,345	32	24,300	28	425	51	45,080	55	23,240	742,095
North Channel.....	75	4	105	48,000	24	41,700	26	2,410	360,300	74,250	38	24,100	.....	.....	.....	.....	.....	.....	.....	20	18,525	16	8,300	217,285
Lake Huron.....	153	4	93	54,000	52	146,300	16	2,475	459,912	114,830	99	136,600	.....	.....	.....	.....	300	100	.....	44	73,975	17	7,325	535,605
Georgian Bay.....	259	12	205	127,500	93	185,670	73	6,595	1,074,331	231,151	2	300	316	69	90,500	20	800	.....	.....	48	52,040	48	46,500	741,507
Lake St. Clair.....	73	.....	.....	31	33,445	37	4,675	.....	.....	.....	11	3,000	2,810	167	43,375	.....	.....	.....	.....	8	5,950	8	2,120	93,478
Lake Erie.....	1,011	82	1,720	987,200	173	502,500	107	14,155	8,958,691	921,850	38	8,499	16,625	760	617,200	35	4,620	1	5	4,570	107	389,700	113	67,525	3,521,783
Lake Ontario.....	634	4	34	23,500	220	164,518	208	17,480	988,456	196,545	34	2,221	3,455	.....	953	58,594	4	45	8,850	31	11,453	28	6,345	483,025
Southern Inland Waters.....	214	21	6,750	106	7,002	1,000	850	20	1,870	2,970	402	23,470	17	143	4,200	617	9	2,694	3	265	44,761
Totals	3,833	126	2,519	1,443,007	993	1,454,895	988	97,822	8,943,785	2,041,008	105	15,890	26,176	1,204	962,825	26	211	37,420	4,653	62	476	670,575	416	189,615	6,985,465

QUANTITIES OF FISH TAKEN

Herring lbs.	Whitefish lbs.	Trout lbs.	Pike lbs.	Blue Pickerel lbs.	Yellow Pickerel lbs.	Sturgeon lbs.	Eels lbs.	Perch lbs.	Tullibee lbs.	Catfish lbs.	Carp lbs.	Mixed and Coarse lbs.		Caviare lbs.	Saugers lbs.	Goldeyes lbs.	Total lbs.	Value \$
Northern Inland Waters.....	1,716	1,732,715	109,652	914,576	.....	1,801,215	99,029	7,249	209,591	47,296	451	662,377	454	.....	27,598	113,660	5,727,579	1,035,361.00
Lake Superior.....	762,532	340,919	1,273,202	5,527	.....	199,565	1,651	862	45,103	.....	105	98,290	.....	.....	123,418	.....	2,850,964	640,773.58
North Channel.....	1,380	201,756	85,744	27,639	.....	55,761	4,963	5,659	.....	577	3,428	161,404	57	.....	17	.....	548,385	129,453.58
Lake Huron.....	116,298	365,194	26,557	303	.....	254,055	8,037	431,310	109,080	23,285	103	116,979	385	.....	1,421	.....	1,473,654	381,231.45
Georgian Bay.....	26,071	3,025,222	439,850	7,675	.....	68,833	1,677	1,620	74,494	36,172	34,667	38,665	58	.....	1,169	.....	3,720,113	1,367,043.42
Lake St. Clair.....	.....	.....	.....	5,475	.....	34,228	8,929	21,744	.....	103,831	160,242	186,775	322	.....	18,775	.....	389,118	60,552.65
Lake Erie.....	322,772	1,129,579	9	18,008	3,913,585	1,521,591	9,100	2,758,312	.....	116,093	205,583	2,682,782	121	.....	466,493	.....	13,144,063	2,892,136.63
Lake Ontario.....	197,111	388,304	40,162	25,332	188,533	89,922	47,601	143,302	.....	469,329	217,085	599,746	.....	.....	151	.....	2,410,424	423,539.66
Southern Inland Waters.....	.....	.....	.....	.....	.....	24,809	2,158	4,848	.....	207,226	207,226	296,198	622	.....	40	.....	707,233	113,933.98
Totals	1,427,880	7,180,389	1,975,185	1,004,535	4,102,118	164,041	49,784	3,375,106	438,268	894,389	793,216	4,786,683	2,019	.....	639,082	113,660	30,971,525	7,044,025.95
Values (in dollars and cents)	202,242.60	2,471,179.56	704,079.20	101,405.72	816,652.94	1,049,787.28	150,290.99	2,988.29	756,121.37	49,678.05	167,560.27	62,857.79	343,686.86	8,661.10	141,818.70	25,005.20	.....	.....

COMPARATIVE STATEMENT OF THE YIELD OF THE FISHERIES
OF ONTARIO, BY SPECIES.

SPECIES	1950 POUNDS	1951 POUNDS	INCREASE POUNDS	DECREASE POUNDS
Carp.....	806,402	793,216	—	13,186
Catfish and Bullheads.....	895,401	894,389	—	1,012
Caviare.....	1,278	2,019	741	—
Eels.....	30,275	49,784	19,509	—
Goldeyes.....	84,068	113,660	29,592	—
Herring.....	1,572,011	1,427,880	—	144,131
Mixed and Coarse.....	4,063,744	4,786,683	722,939	—
Perch.....	2,709,773	3,375,106	665,333	—
Pickrel (Blue).....	8,665,363	4,102,118	—	4,563,245
Pickrel (Yellow).....	3,509,585	4,025,170	515,585	—
Pike.....	874,967	1,004,535	129,568	—
Saugers.....	342,655	639,082	296,427	—
Sturgeon.....	167,568	164,041	—	3,527
Lake Trout.....	2,043,671	1,975,185	—	68,486
Tullibee.....	400,357	438,268	37,911	—
Whitefish.....	6,588,695	7,180,389	591,694	—
TOTAL.....	32,755,813	30,971,525	3,009,299	4,793,587
NET DECREASE.....				1,784,288

COMPARATIVE STATEMENT OF
NUMBER OF COMMERCIAL FISHING LICENCES ISSUED

TYPE OF LICENCE	1950	1951	INCREASE	DECREASE
Gill Net.....	1,021	1,063	42	
Pound and Trap Nets.....	185	190	5	
Hoop Nets.....	267	272	5	
Coarse Fish Seines.....	169	172	3	
Baited Hooks.....	142	151	9	
Dip Nets and Trolling Lic.....	72	63		9
Minnow Seines, Dip Nets and Traps for taking minnows for sale to anglers.....	866	983	117	
TOTAL (all licences).....	2,722	2,894	181	9
NET INCREASE.....			172	

BOUNTIES PAID

WOLVES

PERIOD	TIMBER	BRUSH	PUPS	TOTAL	BOUNTY
For year ending March 31, 1948.....	1515	961	74	2540	\$54,923.38
For year ending March 31, 1949.....	1581	1062	84	2727	57,977.00
For year ending March 31, 1950.....	1613	890	41	2544	56,927.00
For year ending March 31, 1951.....	1405	651	44	2100	46,457.00
For year ending March 31, 1952.....	1198	634	63	1895	41,808.00

BEARS

PERIOD	ADULTS	CUBS	BOUNTY
For year ending March 31, 1948.....	509	17	\$5,095.00
For year ending March 31, 1949.....	592	67	6,035.00
For year ending March 31, 1950.....	803	122	8,530.00
For year ending March 31, 1951.....	453	47	4,645.00
For year ending March 31, 1952.....	408	29	4,180.00

PROSECUTIONS

	RESULTS OF PROSECUTIONS			TOTAL
	CONVICTIONS	DISMISSED	WITHDRAWN	
Conservation Officers	2,848	108	70	3,026
Provincial Police	14			14
TOTAL	2,862	108	70	3,040

DETAILS OF CONVICTIONS

Angling without non-resident licences ..	245	Illegal possession of firearms in timber or mining camps, etc.	40
Exporting overlimit of fish, or without coupons	55	Firearms not encased or dismantled at night	40
Angling with more than one line	26	Shooting from or across highways or from motor cars	23
Fishing other than by angling	143	Allowing dogs to run at large	19
Illegal possession of gill nets	27	Hunting deer with unlicensed dogs	5
Taking under-sized or over-limit of fish ..	195	Hunting migratory birds with rifles	10
Illegal possession of fish in closed season ..	161	Obstructing an officer in discharge of his duties	20
Setting nets in restricted waters	3	Killing hen pheasants	1
Fishing by use of artificial lights	17	Trapping without licence	52
Angling in restricted waters	75	Illegal possession of furs	52
Guiding without licences	6	Trapping in closed season	7
Hunting without licences	711	Setting traps in muskrat or beaver houses	10
Hunting in closed season	106	Trapping in Game Preserves and Provincial Parks	5
Hunting in prohibited hours	255	Molesting pheasants	2
Hunting with unplugged shotguns	52	Shooting beaver	3
Hunting ducks from power boat	5	Buying or selling game	10
Jacklighting deer	14	Operating a tourist camp without a licence	2
Illegal possession of game in closed season ..	96	Violation of fur dealer's licence	3
Commercial fishing without licences	48	Importing live minnows	2
Filleting fish for export	3	Breaking beaver dams	4
Allowing fish or game to spoil	2	Fur dealers keeping improper records	4
Pollution of waters	1	Transporting deer without seals	18
Illegal possession of female deer or fawns ..	1	Violation of condition of trappers' licences	3
Using poison bait	1	Buying furs without licences	4
Antedating licences	4	Use of ferrets for taking rabbits	15
Keeping animals in captivity without licences ..	2	Buying and selling gill nets without licence	2
Illegal transfer of hunting and fishing licences ..	18	Violation of condition of commercial fishing licence	8
Using high-power rifle in deer season without a deer licence	5	Exporting furs without export licence ..	7
Taking more than one deer on licence	6		
Loaded firearms in motor vehicles	163		
Illegal possession of firearms in Crown Game Preserves or Provincial Parks ..	45		
			2,862

STATEMENT OF RANCH RAISED PELTS EXPORTED OR TANNED

JULY 1ST, 1951 TO JUNE 30TH, 1952

	EXPORTED	TANNED	TOTAL PELTS	VALUE OF PELTS
Fox (Silver or Black).....	7,481	367	7,848	\$ 102,024.00
Mink.....	141,825	2,611	144,436	2,253,202.00
	149,306	2,978	152,284	\$2,355,226.00

TOTAL VALUE OF PELTS EXPORTED OR TANNED

JULY 1ST, 1951 TO JUNE 30TH, 1952

	PELTS EXPORTED	PELTS TANNED	TOTAL PELTS	VALUE OF PELTS
Beaver.....	105,503	266	105,769	\$1,496,631
Fisher.....	2,241	9	2,250	49,275
Fox (Cross).....	229	43	272	354
Fox (Red).....	8,946	809	9,755	6,828
Fox (Silver or Black).....	66	24	90	702
Fox (White).....	68	13	81	697
Fox (Not specified).....	—	8	8	24
Lynx.....	197	18	215	946
Marten.....	1,463	9	1,472	19,430
Mink.....	34,213	959	35,172	736,853
Muskrats.....	560,249	181,565	741,814	1,149,812
Otter.....	6,229	39	6,268	124,733
Raccoon.....	21,013	1,392	22,405	40,329
Skunk.....	9,060	251	9,311	6,983
Weasel.....	24,085	464	24,549	23,322
Wolverine.....	—	—	—	—
	773,562	185,869	959,431	\$3,656,919

SUMMARY OF BREEDING STOCK

LICENSED FUR FARMS, JANUARY 1ST

	1947	1948	1949	1950	1951
Beaver.....	45	70	71	56	22
Fisher.....	45	46	26	23	21
Blue Fox.....	1276	1450	385	256	200
Cross Fox.....	36	23	11	10	2
Pearl Platinum Fox.....	378	368	565	476	449
Platinum Fox.....	3133	2437	1549	903	559
Red Fox.....	94	38	23	30	11
Standard Silver Fox.....	9400	6654	5016	3391	2813
White Fox.....	5	1	4	1	1
White Marked Fox.....	3179	1690	927	384	225
Lynx.....	1	1	1	0	0
Marten.....	28	35	35	43	35
Mink.....	72992	75192	71139	67943	73034
Muskrat.....	92	65	55	125	99
Raccoon.....	127	97	94	76	46
Skunk.....	2	1	5	4	6

The following table shows the location by County or District of licensed fur farms:

1951

COUNTY OR DISTRICT	NUMBER	COUNTY OR DISTRICT	NUMBER
Algoma	10	Middlesex	27
Brant	7	Nipissing	5
Bruce	33	Norfolk	4
Carleton	6	Northumberland	8
Cochrane	1	Ontario	20
Dufferin	4	Oxford	16
Dundas	2	Parry Sound	18
Durham	11	Peel	16
Elgin	18	Perth	43
Essex	13	Peterboro	10
Frontenac	9	Prescott	9
Glengarry	4	Prince Edward	2
Grenville	4	Rainy River	22
Grey	49	Renfrew	17
Haldimand	8	Russell	4
Haliburton	0	Simcoe	56
Halton	21	Stormont	0
Hastings	3	Sudbury	8
Huron	25	Timiskaming	8
Kenora	16	Thunder Bay	68
Kent	20	Victoria	9
Lambton	8	Waterloo	24
Lanark	27	Welland	7
Leeds	11	Wellington	25
Lennox and Addington	4	Wentworth	41
Lincoln	16	York	96
Manitoulin	13		
Muskoka	8		
		TOTAL	914



DIVISION OF FOREST PROTECTION

CLASSIFICATION OF FOREST FIRES

By Size—1951

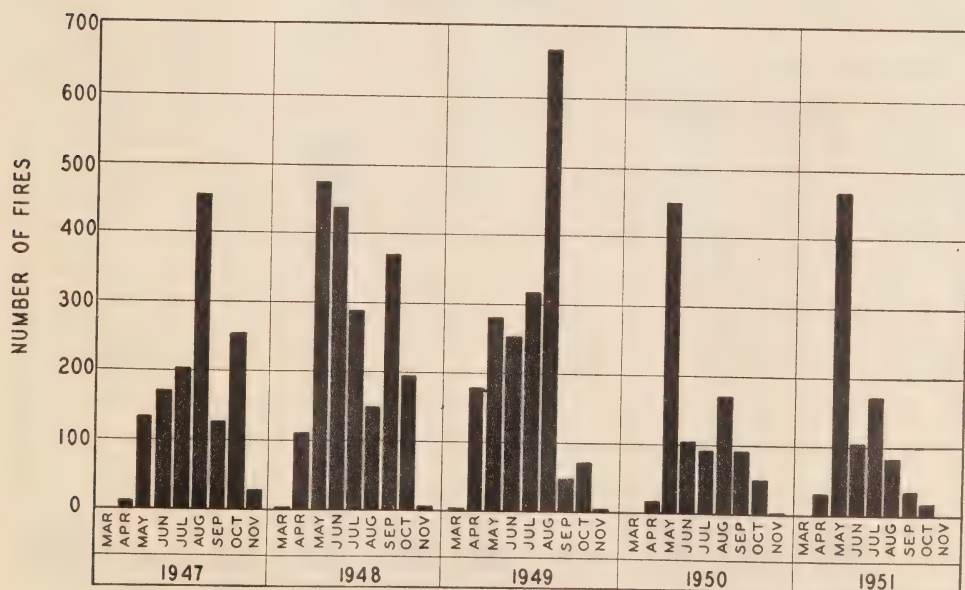
SIZE	1951 NO.	1950 NO.	1949 NO.	1948 NO.	1947 NO.	1946 NO.	1945 NO.
¼ acre and under.....	329	260	574	571	412	490	211
Over ¼ to 5 acres.....	383	426	811	894	626	784	457
Over 5 to 10 acres.....	45	92	122	155	97	129	75
Over 10 to 100 acres.....	115	155	242	285	177	233	159
Over 100 to 500 acres.....	21	43	61	74	50	78	43
Over 500 to 1,000 acres.....	5	3	16	24	12	13	11
Over 1,000 to 10,000 acres.....	4	6	7	33	19	12	10
Over 10,000 acres.....	2	—	1	—	—	—	—
TOTALS.....	904	985	1,834	2,036	1,393	1,739	966

MEANS OF FIRE DETECTION—1951

	TOWERS	RANGERS	PUBLIC	AIRCRAFT	TOTAL FIRES
1951 Totals.....	310	72	400	122	904
1950 Totals.....	352	93	423	117	985
1949 Totals.....	630	168	699	337	1,834

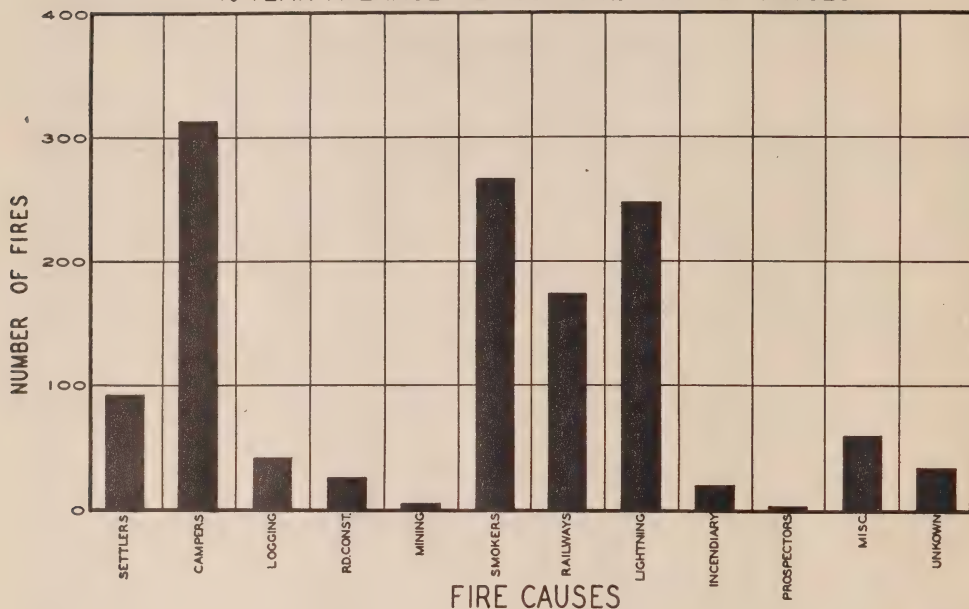
NUMBER OF FIRES BY MONTHS AND YEARS

1947 - 1951



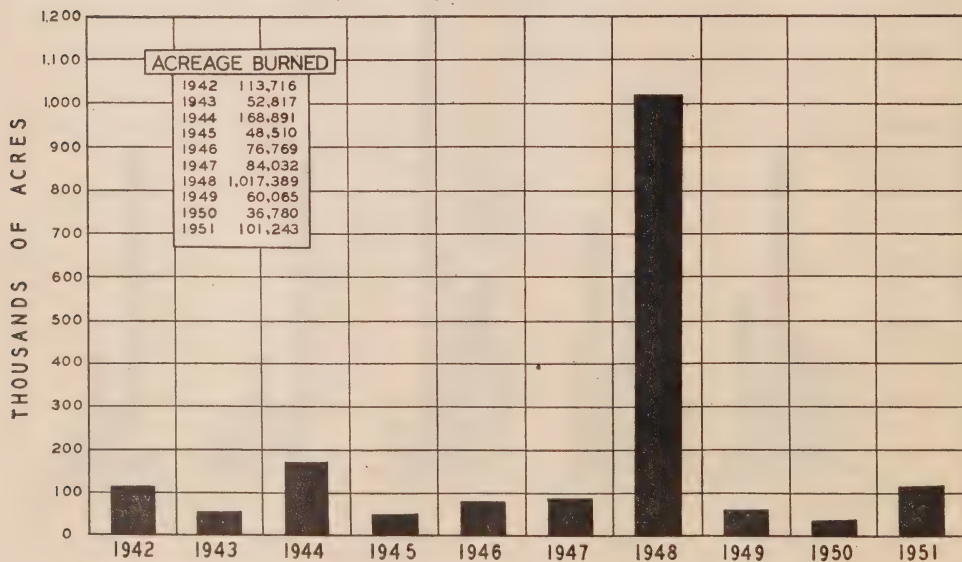
NUMBER OF FIRES

10 YEAR AVERAGE PERIOD -1942 -1951- BY CAUSES



ACREAGE BURNED BY FOREST FIRES IN ONTARIO

FROM 1942 TO 1951



FIRE DAMAGE TABLE—1951
(Losses of standing timber calculated on value of Crown Dues only)

DISTRICTS	CROWN TIMBER DAMAGE		PROTECTION CHARGES		PRIVATE TIMBER DAMAGE		PROTECTION CHARGES		TOTAL TIMBER DAMAGE		PROTECTION CHARGES		TOTAL DAMAGE		PRIVATE PROPERTY DAMAGE	
	CU. FT.	\$	\$		CU. FT.	\$	\$		CU. FT.	\$	\$		\$	\$	\$	\$
Sioux Lookout.....	214,312	2,143.12	1,242.76	400	4.00	5.73	214,712	2,147.12	1,248.49	3,395.61	2,375.00	3,395.61	2,375.00	2,375.00	2,375.00	2,375.00
Kenora.....	42,855	428.55	845.71	2,900	29.00	31.58	45,755	457.55	877.29	1,334.84	15,000.00	1,334.84	15,000.00	15,000.00	15,000.00	15,000.00
Fort Frances.....	6,104	61.04	63.75			63.96	6,104	61.04	63.75	124.79	15,000.00	124.79	15,000.00	15,000.00	15,000.00	15,000.00
Port Arthur.....	40,184	401.84	888.55			7.20	40,184	401.84	892.51	1,334.35	1,510.00	1,334.35	1,510.00	1,510.00	1,510.00	1,510.00
Geraldton.....	77,775	777.75	140.17				77,775	777.75	147.37	925.12		925.12				
Kapuskasing.....	78,595	785.95	681.76	24,860	248.60		103,455	1,034.55	681.76	1,716.31		1,716.31				
Cochrane.....	1,936,000	19,360.00	12,190.80	4,680	46.80		1,940,680	19,406.80	12,190.80	31,597.60	46.80	31,597.60	46.80	46.80	46.80	46.80
White River.....	25,871	258.71	203.77	42,123	421.23	205.58	67,994	679.94	409.35	1,089.29		1,089.29				
Temiskaming.....	4,000	40.00	40.20	87,400	874.00	378.35	91,400	914.00	418.55	1,332.55		1,332.55				
Sault Ste. Marie.....	179,492	1,794.92	1,976.46			25.35	179,492	1,794.92	2,001.81	3,796.73		3,796.73				
Gogama.....	22,233,301	222,333.01	55,406.10				22,233,301	222,333.01	55,406.10	277,739.11		277,739.11				
Chapleau.....	51,300	513.00	96.75				51,300	513.00	96.75	609.75		609.75				
Sudbury.....	1,302,494	13,024.94	9,144.40	5,256	52.56	31.50	1,307,750	13,077.50	9,175.90	22,253.40		22,253.40				
North Bay.....	3,187,094	31,870.94	9,262.74	2,084	20.84	103.05	3,189,178	31,891.78	9,365.79	41,257.57		41,257.57				
Parry Sound.....	5,222	52.22	14.26	2,960	29.60	57.95	8,182	81.82	72.21	154.03		154.03				
Algonquin.....	128	1.28	6.30				128	1.28	6.30	7.58		7.58				
Quinte.....	15,072	150.72	208.24	13,161	131.61	189.67	28,233	282.33	397.91	680.24		680.24				
Trent.....	1,400	14.00	37.65	2,080	20.80	20.40	3,480	34.80	58.05	92.85		92.85				
Lake Simcoe.....	300	3.00	.60	100	1.00	.23	400	4.00	.83	4.83		4.83				
1951 Totals.....	29,401,499	294,014.99	92,430.97	188,004	1,880.04	1,120.55	29,589,503	295,895.03	93,551.52	389,446.55	56,388.53	389,446.55	56,388.53	56,388.53	56,388.53	56,388.53
1950 Totals.....	1,624,441	16,244.41	8,611.13	1,936,505	19,365.05	10,927.19	3,560,946	35,609.46	19,538.32	55,147.78	103,682.49	55,147.78	103,682.49	103,682.49	103,682.49	103,682.49
	SAWLOGS		FUELWOOD		TIMES		CEDAR POSTS		CEDAR POLES		PROTECTION CHARGES		TOTAL TIMBER DAMAGE		PRIVATE PROPERTY DAMAGE	
	F.E.M.	\$	CORDS	\$	NO.	\$	NO.	\$	NO.	\$	\$	\$	\$	\$	\$	\$
1949 Totals.....	1,095,900	5,009.71	19,220	19,816.00		11,159.76	600	12.00	41	10.25	11,457.16	2,667.08	50,131.96	167,315.67	167,315.67	167,315.67
1948 Totals.....	532,435,810	1,143,646.73	487,751	479,251.86	7,064,072	708,407.20	894,767	370,291.78	1,001,017	20,029.30	733,188.54	24,071.93	3,477,501.29	509,686.75	509,686.75	509,686.75

REPORT OF MAJOR EQUIPMENT AS OF MARCH 31, 1952

Regions and Districts	Portable Hand Pumps		Portable Power Pumps		Firefighting Hose in Feet		Tents		Blankets in Pairs		Canoes		Motor Boats		Auto Trucks		Railway Motor Cars		Boats Outboard		Binoculars		Outboard Motors		Tractors	
	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use	Purchased	In Use
Algonquin	24	172	1	38	4,000	77,950	14	81	945	19	93	9	5	25	5	1	26	21	1	34	3	6	34	3	6	
Chapleau	23	211		32	3,300	76,200		92	510		54		3	14		1	10	14		25		2	25		2	
Cochrane		643		53	17,000	139,850	9	56	475	2	51	4	3	25	8	2	10	5	27	1	23		1	23		4
Lake Erie	6	31		3	1,000	7,200			5			1	5	20		4	9	1	11	5	8		1	11		4
Fort Frances	30	92	2	44	12,500	128,900	4	53	483	6	60	1	4	3	16	1	10	3	15	1	38	2	1	38	2	2
Geraldton	96	774		98	6,000	185,850	23	182	622	4	59	1	1	2	23	4	2	20	2	26		1	26		1	
Gogama		113		32	3,300	77,800	4	67	519	5	62	3	1	11	1	6	6	15	4	23		1	23		1	
Lake Huron	23	74		4		9,300		-4			2		5	23		2	4	11	2	4	1	5		1		
Kapuskasing	104	402	1	41	14,850	92,650	6	71	527	5	58		5	19		9	2	5	2	3	16		2			
Kenora		187	6	70	400	199,850	8	114	973	7	81	1	8	5	25	1	2	13	25	3	49		3			
North Bay		123		42		104,400	1	116	659	6	65	1	4	6	29		5	24	25	33		1	33		1	
Parry Sound		221		31	3,000	81,900	2	60	446	2	53		7	5	30		2	27	4	33	6	43		1		
Port Arthur	36	417		91	19,000	212,600	25	137	300	1,333	6	58	2	7	29	1	1	14	22	1	35		1	35		1
Quinte		218	2	16	10,000	29,700	10	23	248		17	1	6	19	1	5	34	7	16	7	30		1	30		
Rideau	6	50		6	1,000	9,750		1				1	1	2	18		1	11		8	2	13	3	8		
Sault Ste. Marie		326	3	52	15,100	109,900	5	90	880	7	59		1	5	40	3	1	8	3	22	3	27		3	3	
Lake Simcoe		99		6	500	20,470		12	6	101		8	1	4	33		5	12	12	22	3	14	1	10		
St. Louis Lookout		366		106		251,400	14	145	40	1,141	14	93	3	6	20	1	4	1	6	20	5	35		1	1	
Sudbury		126		48	15,700	114,650	2	132	36	609	6	84	1	5	4	26	2	16	4	30		32		1	1	
Temiskaming	20	311	2	42	13,000	86,700	7	58	476	4	46		3	23		1	8	5	23	3	22		1	6		
Trent		137		17	2,000	23,000	1	33	336	2	23		9	34		8	31	2	24	1	25		1	6		
White River	13	213		35	2,000	79,150	9	94	401	6	59		1	9		2	2	14	3	14		1		1		
Central Region	22	536		34	3,400	91,400	20	48	241		1			2												
Mid-West. Reg.		37		6	8,000	32,000		6	110		7			2					3							
Northern Region		97		9	4,400	25,500			70																	
Western Region		81		19		35,600		6	197										1							
Ranger School		37		9	2,000	15,300		6	69		19			2					3		2					
Head Office			1	5			15	148		14	7	34	1	5	56				1	39	2	18				
Totals	403	6,094	18	989	161,450	2,318,970	179	1,835	709	12,826	108	1,147	7	61	100	571	2	47	53	325	49	492	57	592	9	65

CLASSIFICATION OF LAND BURNED OVER
By OWNERSHIP—1951

CLASSIFICATION	1951	1950	1949
Crown Land—Acres.....	96,662	13,203	40,593
Private Lands—Acres.....	4,581	23,577	19,472
Number of Fires.....	904	985	1,834
Total Area in Acres.....	101,243	36,780	60,065

RADIO COMMUNICATIONS

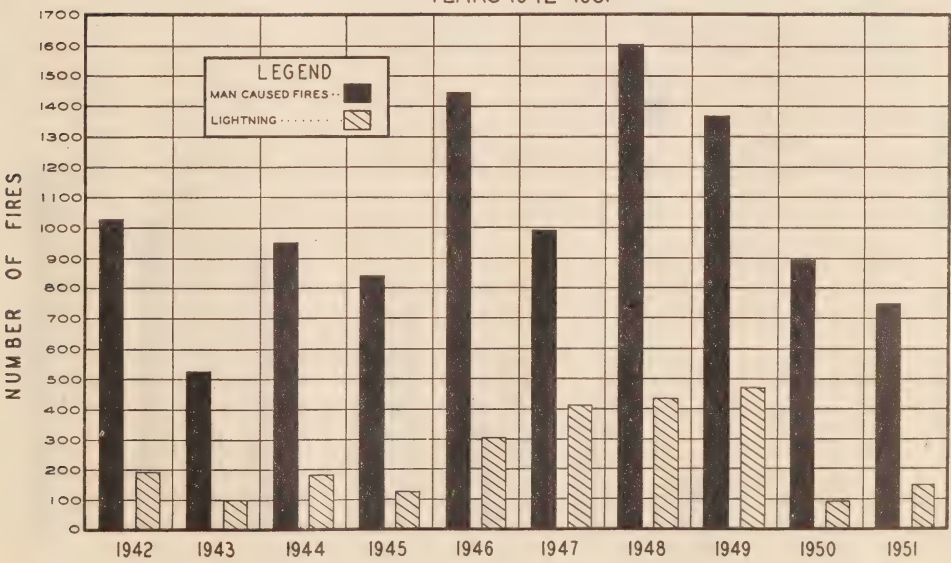
During the year 1951, the Department's province-wide radio communication system handled a total of 41,449 messages comprising a total word count of 960,634, this being an increase of 20% over 1950 totals.

Radio equipment in use during 1951:

Tower Radio Sets.....	236	150 Watt Ground Radio Stations.....	7
Marine Installations.....	7	300 Watt Ground Radio Stations.....	4
Portable Ground Sets (2½ watts).....	79	500 Watt Ground Radio Stations.....	5
30 Watt Ground Radio Stations.....	63	Aircraft Radio Installations.....	38
75 Watt Ground Radio Stations.....	2	TOTAL	441

In addition to the above, 10 airborne "Ground-Hailing" 100 watt loudspeaker units were used to advantage.

NUMBER OF FIRES—MAN CAUSED AND LIGHTNING
YEARS 1942-1951

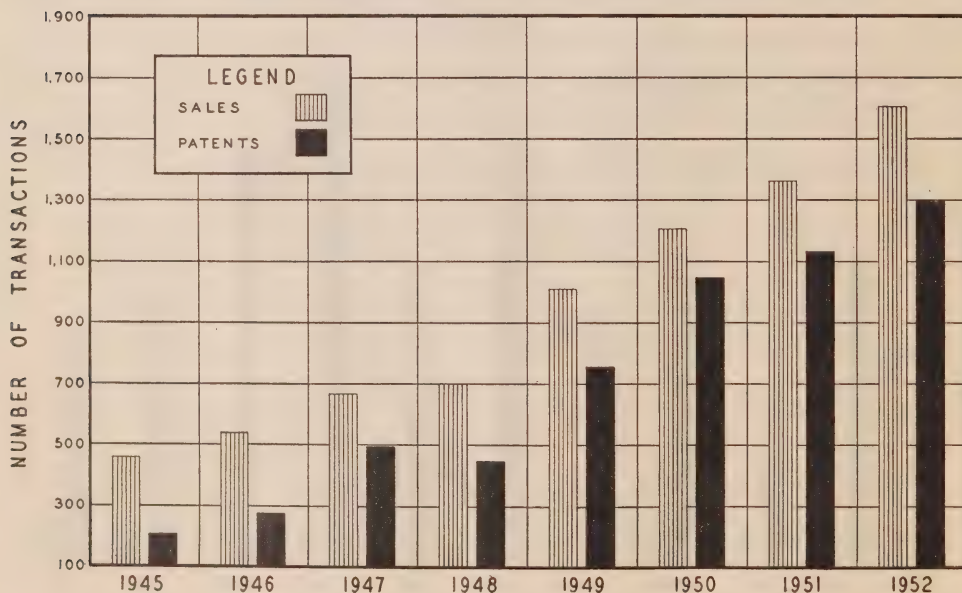


DIVISION OF LAND AND RECREATIONAL AREAS

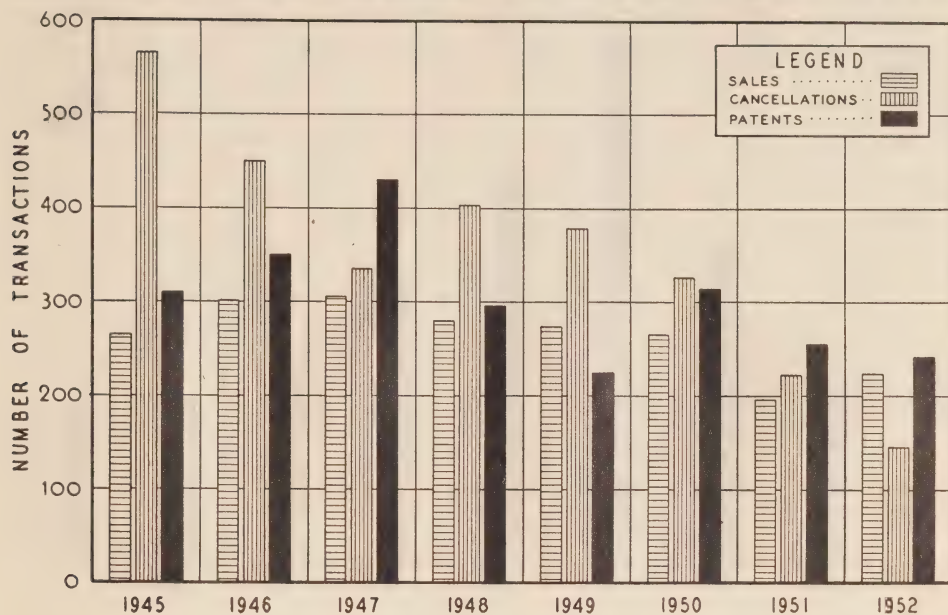
SUMMER RESORT LANDS

ADMINISTRATIVE DISTRICT	DISTRICT FORESTER	SALES		CANCELLATIONS		ASSIGNMENTS		PATENTS	
		NO.	ACRES	NO.	ACRES	NO.	ACRES	NO.	ACRES
Algonquin	G. H. R. Phillips	26	54.7624	7	18.93	1	0.53	21	31.8175
Chapleau	J. M. Whelan	7	18.58	1	1.13	1	2.41	6	18.17
Cochrane	A. Crealock	81	41.18	2	1.37	4	2.16	42	27.119
Fort Frances	G. Delahey	29	60.13	7	12.31	1	1.85	27	48.65
Geraldton	U. W. Fiskar	18	50.07	—	—	—	—	20	32.74
Gogama	J. Taylor	6	16.64	—	—	—	—	6	15.22
Kapuskasing	G. F. Meyer	10	9.098	1	0.70	—	—	10	9.142
Kenora	L. Ringham	93	191.15	4	4.27	3	5.13	108	236.17
Lake Erie	F. S. Newman	—	—	—	—	—	—	—	—
Lake Huron	I. C. Marritt	—	—	—	—	—	—	—	—
Lake Simcoe	J. F. L. Simmons	87	113.928	1	4.8	3	3.44	53	98.028
North Bay	F. E. Sider	161	227.596	13	15.17	4	11.57	119	236.450
Parry Sound	R. L. Snow	347	657.731	12	29.176	3	5.75	217	446.147
Port Arthur	R. Boultee	35	79.61	3	9.35	2	164.19	40	88.98
Quinte	A. Leman	61	88.213	2	2.59	1	3.00	78	1,039.435
Sault Ste. Marie	Q. Hess	65	140.45	6	9.75	2	4.42	69	144.136
Sioux Lookout	H. Middleton	37	102.372	1	0.75	1	5.87	36	108.924
Sudbury	F. L. Hall	136	271.958	8	23.38	2	2.58	138	253.530
Swastika	F. J. Dawson	30	26.561	2	6.31	1	98.	23	24.761
Trent	A. B. Wheatley	367	614.839	5	8.44	5	8.058	277	497.635
White River	R. H. Hambly	5	4.32	—	—	1	0.67	4	6.57
TOTALS		1,601	2,769.1884	75	148.426	35	319.628	1,294	3,363.6245

SUMMER RESORT LANDS



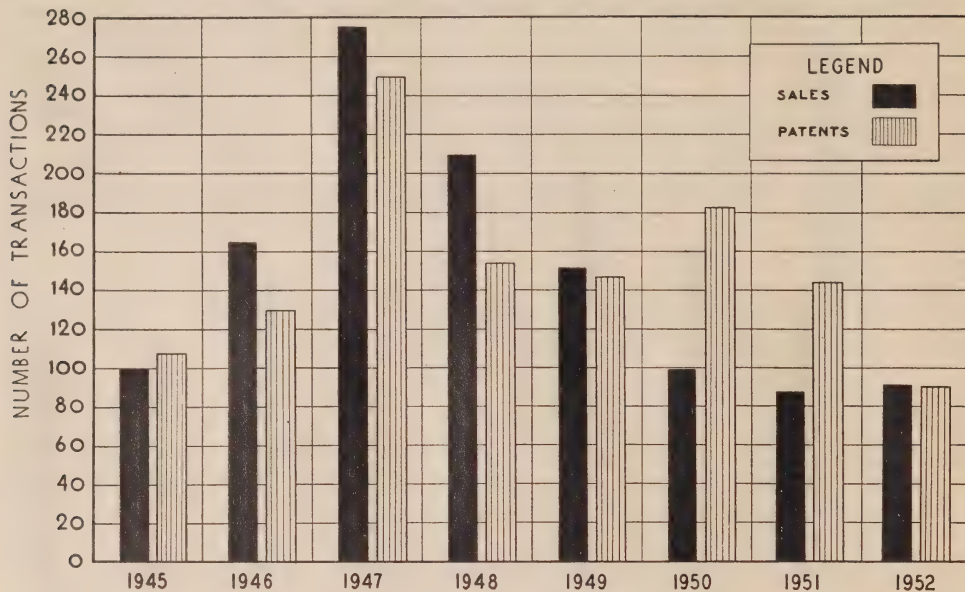
AGRICULTURAL LANDS IN SALE TOWNSHIPS



AGRICULTURAL LAND

ADMINISTRATIVE DISTRICT	DISTRICT FORESTER	SALES		CANCELLATIONS		ASSIGNMENTS		PATENTS	
		NO.	ACRES	NO.	ACRES	NO.	ACRES	NO.	ACRES
Algonquin	G. H. R. Phillips	11	981.481	6	526.39	—	—	14	1,328.88
Chapleau	J. M. Whelan	—	—	—	—	—	—	—	—
Cochrane	A. Crealock	24	1,844.357	19	1,783.39	22	1,816.03	22	2,123.595
Fort Frances	G. Delahey	23	2,781.069	6	467.75	2	169.50	20	2,466.678
Geraldton	U. W. Fiskar	—	—	—	—	—	—	—	—
Gogama	J. Taylor	1	28.59	—	—	—	—	—	—
Kapuskasing	G. F. Meyer	16	1,254.50	41	3,611.	13	1,170.792	38	3,649.048
Kenora	L. Ringham	27	3,363.405	12	1,231.011	8	1,191.468	8	841.534
Lake Erie	F. S. Newman	—	—	—	—	—	—	—	—
Lake Huron	I. C. Marritt	—	—	—	—	—	—	2	148.
Lake Simcoe	J. F. L. Simmons	1	104.13	—	—	—	—	3	233.33
North Bay	F. E. Sider	17	2,162.962	17	1,664.75	4	403.25	28	3,333.782
Parry Sound	R. L. Snow	4	580.	1	3.9	2	200.00	2	200.00
Port Arthur	R. Boulton	39	5,478.15	11	1,564.	12	1,644.713	22	2,935.654
Quinte	A. Leman	18	1,728.	3	212.	—	—	23	2,405.50
Sault Ste. Marie	Q. Hess	—	—	3	216.	2	161.86	2	240.25
Sioux Lookout	H. Middleton	—	—	1	160.	—	—	—	—
Sudbury	F. L. Hall	16	2,185.52	—	—	2	239.	22	2,723.17
Swastika	F. J. Dawson	24	1,847.27	19	1,582.75	4	317.	35	3,766.63
Trent	A. B. Wheatley	1	1.77	1	96.	—	—	1	78.
White River	R. H. Hambly	—	—	—	—	—	—	—	—
TOTALS		222	24,341.231	140	13,118.941	71	7,313.613	242	26,474.051
Swastika, University Sale		1	79.50	—	—	—	—	—	—
Swastika, University Cancellations		—	—	3	239.25	—	—	—	—
		223	24,420.731	143	13,358.191	71	7,313.613	242	26,474.051

CITY TOWN AND TOWNSITE LANDS



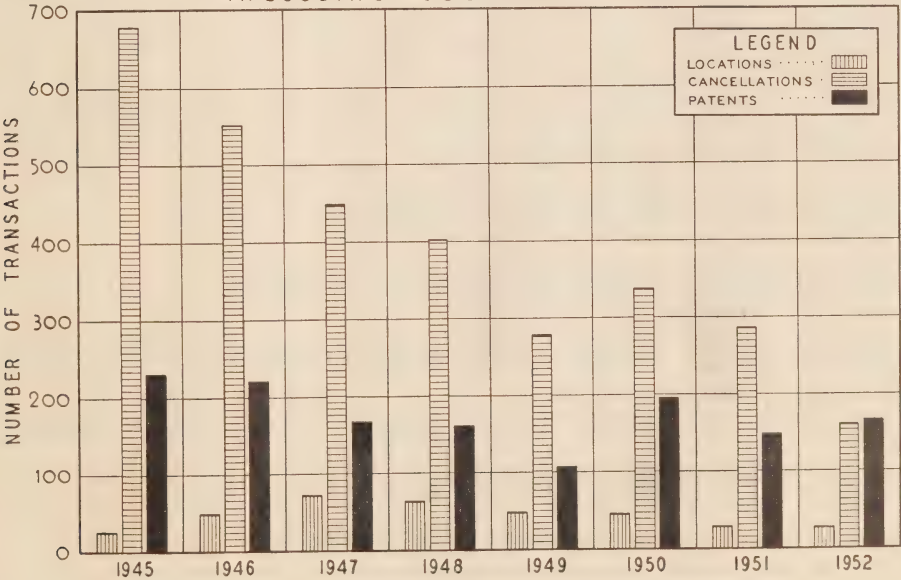
CITIES, TOWNS and TOWNPLOTS

ADMINISTRATIVE DISTRICT	DISTRICT FORESTER	SALES		CANCELLATIONS		ASSIGNMENTS		PATENTS	
		NO.	ACRES	NO.	ACRES	NO.	ACRES	NO.	ACRES
Algonquin	G. H. R. Phillips	7	2.675	1	0.585	—	—	4	3.929
Chapleau	J. M. Whelan	2	1.150	—	—	—	—	—	—
Cochrane	A. Crealock	1	0.24	—	—	—	—	2	1.184
Fort Frances	G. Delahey	—	—	—	—	—	—	1	4.05
Geraldton	U. W. Fiskar	5	1.32	—	—	—	—	10	2.322
Gogama	J. Taylor	15	6.28	—	—	1	0.25	17	7.25
Kapuskasing	G. F. Meyer	17	3.37	2	0.43	1	0.18	15	2.801
Kenora	L. Ringham	4	1.06	—	—	—	—	3	0.83
Lake Erie	F. S. Newman	—	—	—	—	—	—	4	8.789
Lake Huron	I. C. Marritt	—	—	—	—	—	—	1	0.75
Lake Simcoe	J. F. L. Simmons	1	2.00	—	—	—	—	—	—
North Bay	F. E. Sider	—	—	—	—	—	—	—	—
Parry Sound	R. L. Snow	—	—	—	—	—	—	—	—
Port Arthur	R. Boulton	1	0.17	—	—	—	—	2	0.348
Quinte	A. Leman	—	—	—	—	—	—	—	—
Sault Ste. Marie	Q. Hess	—	—	—	—	—	—	1	1.50
Sioux Lookout	H. Middleton	20	3.427	4	0.68	8	1.146	17	2.919
Sudbury	F. L. Hall	9	2.808	—	—	—	—	6	0.568
Swastika	F. J. Dawson	4	0.372	—	—	—	—	3	0.211
Trent	A. B. Wheatley	—	—	—	—	—	—	1	0.50
White River	R. H. Hambly	5	0.375	—	—	—	—	3	0.323
TOTALS		91	252.47	7	1.695	10	1.576	90	38.274

FREE GRANT LAND (INCLUDING SOLDIERS)

ADMINISTRATIVE DISTRICT	DISTRICT FORESTER	LOCATIONS		CANCELLATIONS		ASSIGNMENTS		PATENTS	
		NO.	ACRES	NO.	ACRES	NO.	ACRES	NO.	ACRES
Algonquin	G. H. R. Phillips	1	49.50	5	545.41	3	301.	15	1,522.984
Chapleau	J. M. Whelan	—	—	—	—	—	—	—	—
Cochrane	A. Crealock	5	605.37	3	297.98	—	—	2	226.90
Fort Frances	G. Delahey	3	495.	11	1,470.	2	402.75	22	3,229.75
Geraldton	U. W. Fiskar	—	—	—	—	—	—	—	—
Gogama	J. Taylor	—	—	—	—	—	—	—	—
Kapuskasing	G. F. Meyer	1	76.	1	54.	—	—	—	—
Kenora	L. Ringham	4	642.37	29	4,141.29	11	1,700.64	33	4,570.371
Lake Erie	F. S. Newman	—	—	—	—	—	—	—	—
Lake Huron	I. C. Marritt	—	—	—	—	—	—	—	—
Lake Simcoe	J. F. L. Simmons	—	—	—	—	—	—	—	—
North Bay	F. E. Sider	1	158.50	27	3,030.30	3	398.	13	1,600.27
Parry Sound	R. L. Snow	1	4.95	51	6,141.20	5	530.50	19	2,424.52
Port Arthur	R. Boulton	7	981.07	12	1,732.40	3	398.25	27	3,804.13
Quinte	A. Leman	—	—	12	1,467.	7	929.	15	1,629.50
Sault Ste. Marie	Q. Hess	1	80.	2	256.	1	80.	2	256.46
Sioux Lookout	H. Middleton	—	—	—	—	—	—	—	—
Sudbury	F. L. Hall	1	157.95	1	80.	1	160.	12	1,693.95
Swastika	F. J. Dawson	2	160.50	4	469.50	1	160.	—	—
Trent	A. B. Wheatley	—	—	1	100.	—	—	5	453.
White River	R. H. Hambly	—	—	—	—	—	—	—	—
TOTALS		27	3,411.21	159	19,785.08	37	5,060.14	165	21,411.835

AGRICULTURAL LANDS IN FREE GRANT TOWNSHIPS
INCLUDING SOLDIERS' LAND



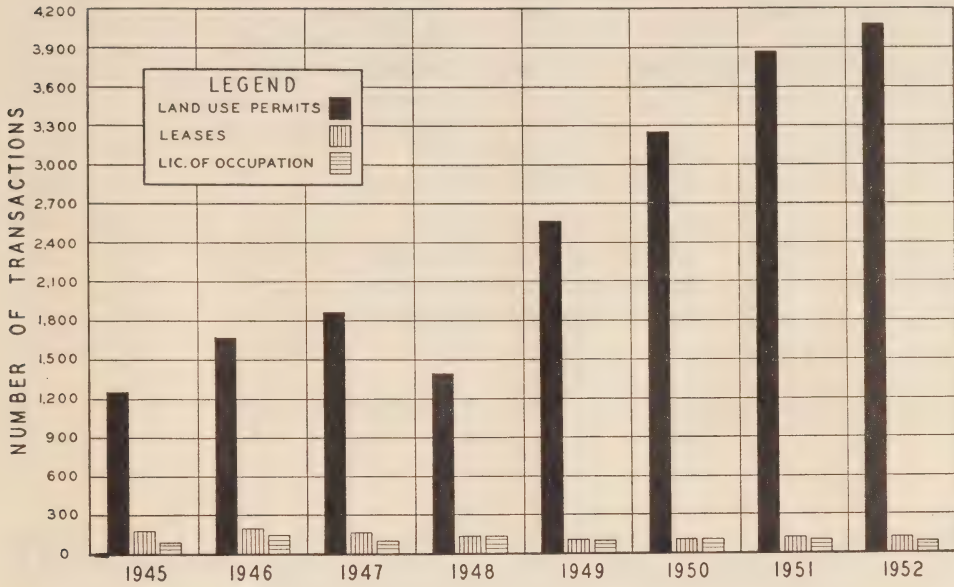
LANDS FOR SPECIAL USE



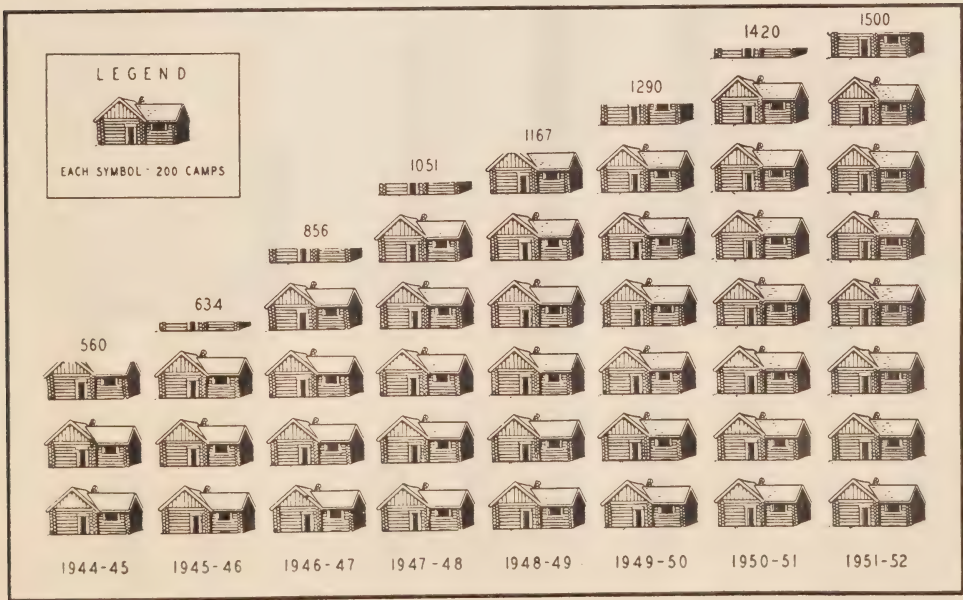
LAND FOR SPECIAL USE

ADMINISTRATIVE DISTRICT	DISTRICT FORESTER	SALES		CANCELLATIONS		ASSIGNMENTS		PATENTS	
		NO.	ACRES	NO.	ACRES	NO.	ACRES	NO.	ACRES
Algonquin	G. H. R. Phillips	26	194.2915	—	—	—	—	30	311.7965
Chapleau	J. M. Whelan	1	23.49	—	—	—	—	1	23.49
Cochrane	A. Crealock	9	215.463	2	120.	—	—	4	84.053
Fort Frances	G. Delahey	2	5.760	1	0.91	—	—	3	7.77
Geraldton	U. W. Fiskar	3	124.20	—	—	—	—	2	1.28
Gogama	J. Taylor	3	12.25	—	—	—	—	5	12.55
Kapuskasing	G. F. Meyer	5	7.384	—	—	—	—	1	2.00
Kenora	L. Ringham	10	25.33	2	95.27	—	—	13	419.72
Lake Erie	F. S. Newman	3	6.058	—	—	—	—	10	15.290
Lake Huron	I. C. Marritt	6	311.553	—	—	—	—	3	144.10
Lake Simcoe	J. F. L. Simmons	5	16.080	1	15.	—	—	8	150.890
North Bay	F. E. Sider	9	175.51	5	241.	—	—	7	407.540
Parry Sound	R. L. Snow	13	122.895	—	—	—	—	12	215.645
Port Arthur	R. Boulton	8	35.58	—	—	—	—	4	38.27
Quinte	A. Leman	11	474.009	—	—	—	—	23	1,657.295
Sault Ste. Marie	Q. Hess	4	255.466	—	—	—	—	5	322.486
Sioux Lookout	H. Middleton	7	41.224	3	24.46	1	20.08	12	68.324
Sudbury	F. L. Hall	12	3,098.611	—	—	—	—	4	3,109.00
Swastika	F. J. Dawson	2	8.065	1	80.	—	—	3	33.215
Trent	A. B. Wheatley	7	211.35	—	—	—	—	6	226.54
White River	R. H. Hambly	1	2.77	—	—	—	—	1	66.844
TOTALS		149	5,367.3395	15	576.64	1	20.08	157	7,318.1075

LAND USE PERMITS, LEASES AND LICENCES OF OCCUPATION ISSUED



LICENSED TOURIST OUTFITTERS' CAMPS



PATENTS OFFICE (LANDS DIVISION)

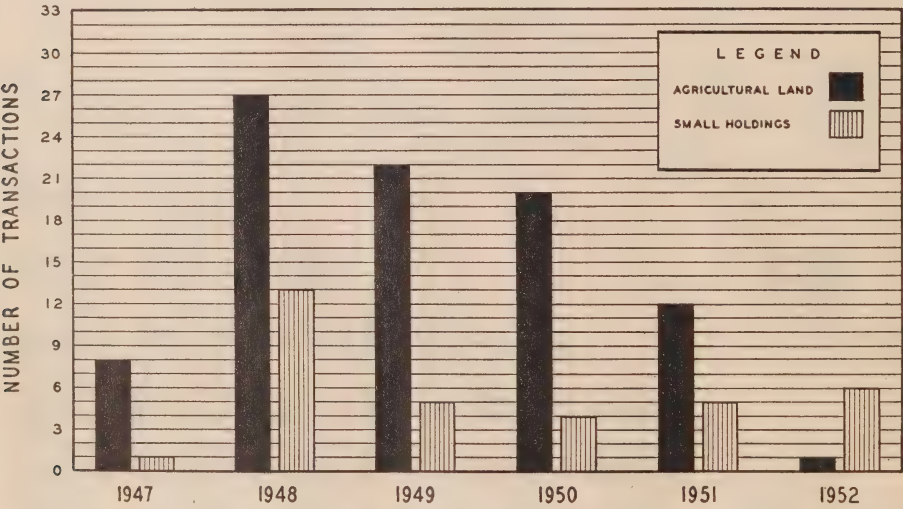
STATEMENT OF PATENTS, ETC., ISSUED DURING THE YEAR ENDING MARCH 31, 1952

Public Land Patents	1,536	Crown Leases	4
Free Grant Patents	165	Algonquin Park Leases	62
Patents and Transfers (Town Lots)	90	Rondeau Park Leases	46
Miscellaneous Documents	157	Temagami Leases	1
Releases of Pine	21	Water Power Agreements	3
	1,969		116

Licences of Occupation	81
Licences of Occupation (Rondeau)	1
Licences of Occupation (Algonquin)	5
Licences of Occupation (Temagami)	—
	87

Licences of Occupation Cancelled	104	Crown Leases Cancelled	36
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TRANSACTIONS UNDER
THE ONTARIO DOMINION - PROVINCIAL AGREEMENT
SECTION 35 OF THE VETERANS' LAND ACT

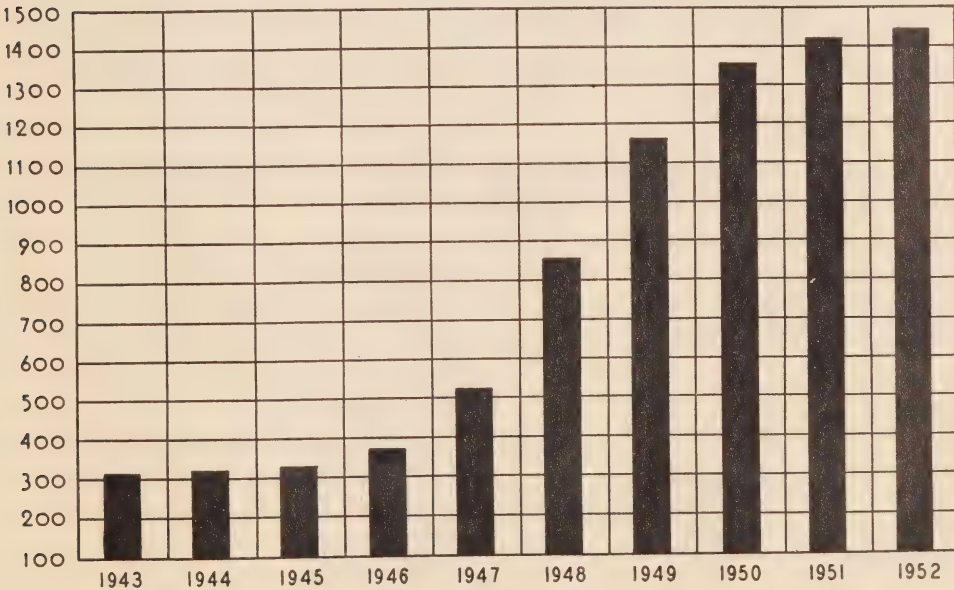


DIVISION OF OPERATION AND PERSONNEL

The following table indicates the total number of employees on the staff each month:

1951	HEAD OFFICE				FIELD				GRAND TOTAL	EXTRA FIRE FIGHTERS
	PERM.	TEMP.	CAS.	TOTAL	PERM.	TEMP.	CAS.	TOTAL		
Apr.....	360	58	2	420	1,083	93	1,254	2,430	2,850	—
May.....	363	73	8	444	1,084	94	1,957	3,135	3,579	1,952
June.....	360	79	85	524	1,078	109	1,717	2,904	3,428	818
July.....	355	82	92	529	1,077	114	1,748	2,939	3,468	97
Aug.....	353	84	92	529	1,078	113	1,681	2,872	3,401	97
Sept.....	344	84	71	499	1,076	117	1,499	2,692	3,191	2
Oct.....	349	82	12	443	1,097	102	1,377	2,576	3,019	—
Nov.....	348	83	11	442	1,089	98	993	2,180	2,622	—
Dec.....	346	87	8	441	1,086	98	853	2,037	2,478	—
1952										
Jan.....	352	84	7	443	1,095	95	836	2,026	2,469	—
Feb.....	349	88	8	445	1,098	92	780	1,970	2,415	—
Mar.....	349	89	11	446	1,095	92	779	1,966	2,412	—

PERMANENT EMPLOYEES
AS OF MARCH 31ST EACH YEAR



JUNIOR FOREST RANGERS

During the months of July and August 1951 Junior Rangers were distributed as follows:

DISTRICT		DISTRICT	
Algonquin	32	Quinte	15
Cochrane	21	Sault Ste. Marie	20
Chapleau	15	Sioux Lookout	9
Geraldton	10	Sudbury	14
Gogama	12	Temiskaming	24
Kapuskasing	12	Trent	14
North Bay	21	White River	11
Parry Sound	12	TOTAL	242

NUMBER OF LICENSED SCALERS ON STAFF—356

NUMBER OF PERSONNEL HOLDING RANGER SCHOOL DIPLOMAS—257

Number of employees holding University degrees:

FORESTERS	BIOLOGISTS	CIVIL ENG.	MISCEL.	TOTAL
158	26	5	16	205

NUMBER OF MALE VETERANS ON STAFF—789

NUMBER OF FEMALE VETERANS ON STAFF—7

MALE VETERANS AS A PERCENTAGE OF MALE STAFF—54.53

The following table indicates the number of employees who terminated their services during the fiscal year:

	RESIGNED	DISMISSED	DIED	SUPERANNUATED	RETIRED	TOTAL
Head Office.....	52	1	2	—	—	55
Field.....	66	3	4	7	4	84
TOTALS.....	118	4	6	7	4	139

VISUAL EDUCATION

During the year the following films were added to Head Office film library for use by lecturers at Head Office and field personnel:

Fighting Large Fires in Brush and Grass
 Fire Weather
 Fighting Forest Fires with Hand Tools
 Speckled Trout Across Canada
 Fur Country
 High Over the Borders
 Salmon Run
 Rocky Mountain Trout
 Three Little Bruins in a Canoe
 Eye Witness Series No. 14 (Ganaraska Project)
 Trees that Reach the Sky
 Green Gold

Pulp and Paper from Canada
 Forest Conservation
 Eye Witness No. 5 and No. 13
 Eye Witness No. 10, No. 23 and No. 30
 Soil for Tomorrow
 Yours is the Land
 Conservation of Natural Resources
 Pipeline to the Clouds
 Maple Sugar Time
 Indian Canoemen
 Indian Hunters

DEPARTMENT OF LANDS AND FORESTS
PROVINCE OF ONTARIO
ADMINISTRATIVE DIVISIONS

April 1, 1951 to March 31, 1952

Hon. H. R. SCOTT, Minister

F. A. MacDOUGALL, Deputy Minister



ADMINISTRATIVE DIVISIONS

April 1, 1951 to March 31, 1952



PROVINCE OF ONTARIO

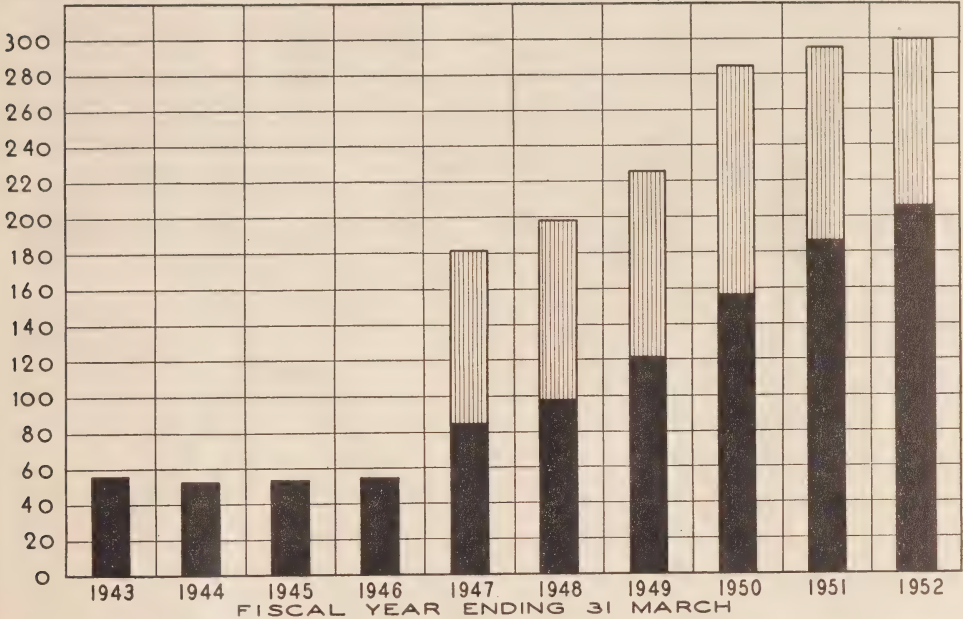
Department of Lands and Forests

Hon. H. R. Scott
Minister

F. A. MacDugall
Deputy Minister

TECHNICAL PERSONNEL EMPLOYED

FORESTERS ONLY NOTED TO 1946 SHADED PORTIONS DENOTE SEASONAL EMPLOYEES



LECTURE TOURS

REGION AND DISTRICT	SCHOOL MEETINGS		PUBLIC MEETINGS		TOTAL	
	NO.	ATTENDANCE	NO.	ATTENDANCE	NO.	ATTENDANCE
WESTERN						
Kenora	3	558	59	3,076	62	3,634
Fort Frances	13	1,404	14	915	27	2,319
Sioux Lookout	2	277	12	187	14	464
MID-WESTERN						
Port Arthur	53	5,303	62	2,320	115	7,623
Geraldton	1	115	3	178	4	293
CENTRAL						
Sault Ste. Marie	29	2,611	58	3,624	87	6,235
Sudbury			41	5,019	41	5,019
Chapleau	20	1,439	32	2,349	52	3,788
Gogama			6	130	6	130
North Bay	28	1,577	60	3,128	88	4,705
White River	4	461	7	358	11	819
NORTHERN						
Kapuskasing	1	271	37	2,043	38	2,314
Cochrane			3	95	3	95
Temiskaming	2	85	28	1,950	30	2,035
SOUTH-CENTRAL						
Parry Sound	146	4,512	77	5,302	223	9,814
Algonquin	28	1,615	97	4,502	125	6,117
SOUTH-EASTERN						
Rideau	75	6,431	125	11,012	200	17,443
Quinte	51	1,911	44	3,018	95	4,929
Trent	33	2,148	57	5,129	90	7,277

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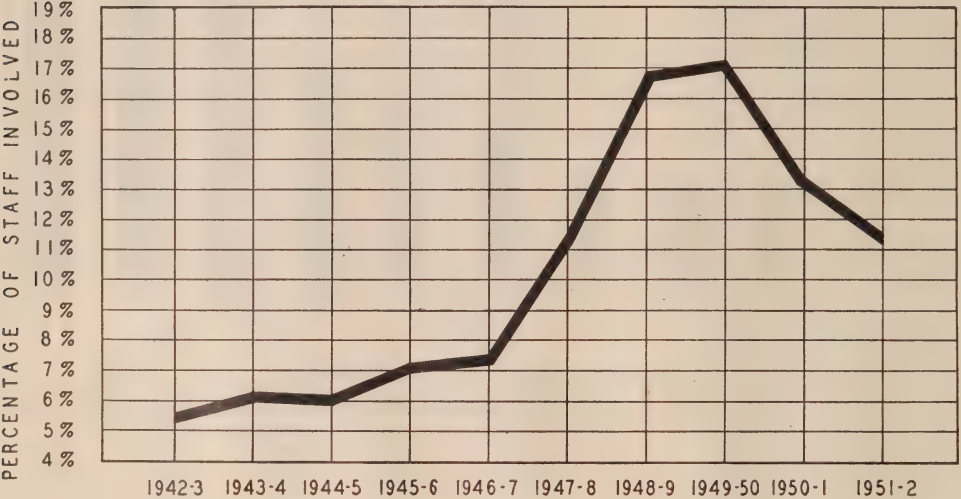
REGION AND DISTRICT	SCHOOL MEETINGS		PUBLIC MEETINGS		TOTAL	
	NO.	ATTENDANCE	NO.	ATTENDANCE	NO.	ATTENDANCE
SOUTH-WESTERN						
Lake Simcoe	137	15,029	186	16,772	323	31,801
Lake Huron	56	4,354	135	6,428	191	10,782
Lake Erie	20	799	103	6,748	123	7,547
TOTALS	702	50,900	1,246	84,283	1,948	135,183

PERCENTAGE OF STAFF INVOLVED

IN COMPENSABLE ACCIDENTS ANNUALLY

OVER A PERIOD OF THE PAST TEN YEARS

1942-43 to 1951-52



CORRESPONDENCE

An average of six hundred routine requests for information or publications was handled monthly. These are in addition to a fairly large number of personal and written requests for information requiring considerable research or special attention.

PERSONAL ENQUIRIES

The section also handled a large number of telephone calls daily and interviewed a considerable number of callers seeking first-hand information or publications.

LIST OF DEPARTMENT PUBLICATIONS FOR DISTRIBUTION

- ACCOUNTS

 - Accounting for Logging Operations.
- FISH AND WILDLIFE

 - The Game and Fisheries Act and Regulations.
 - Extracts from the Game and Fisheries Act and Regulations (posters).
 - Game Birds Need Cover on Your Farm.
 - Alternate Closure of Lakes in Algonquin Park.
 - Chapleau Crown Game Preserve.
- Prairie Chickens in Ontario.
 - The Cormorant in Ontario.
 - Registered Traplines (Mimeographed).
 - Description of Wisconsin Pheasant Release (Mimeographed).
 - Care and Handling of Pheasant Chicks (Mimeographed).
 - Winter Feeding of Pheasant Chicks (Mimeographed).
 - Advance Report on Wildlife Conditions in Lambton County (Mimeographed).

Continued on Next Page

- Report on Wildlife Survey in Durham County (Mimeographed).

FOREST PROTECTION

Forest Fires Prevention Act and Regulations.

LANDS AND RECREATIONAL AREAS

Lands for Settlement in Ontario.

Summer Resort Lands in Ontario.

The Natural History of Algonquin Park.

Parry Sound Forest District.

Sudbury Forest District.

Kenora Forest District.

Fort Frances Forest District.

North Bay Forest District.

Cottage Sites on Crown Lands.

REFORESTATION

Know Your Forest Trees.

Planning for Tree Planting.

Care and Planting of Forest Trees.

Forest Trees of Ontario.

Forest Tree Planting.

SURVEYS AND ENGINEERING

List of Geographical Townships in Ontario.

List of Water Powers in Ontario.

List of Lithographed Maps and Plans.

Aerial Surveys in Ontario.

Ontario Surveys and the Land Surveyor.

TIMBER MANAGEMENT

Procedure to Obtain Authority to Cut Timber on Crown Lands.

System of Forest Cropping.
- Manual of Scaling Instructions.

Timber Management Manual—Part II—Timber Estimating (Field Work).

Timber Management Manual—Part III—Timber Estimating (Compilations).

Timber Management Manual—Part IV—Timber Markings for Special Cutting Operations.

Timber Management Manual—Complete Set comprised of five parts.

Crown Timber Regulations.

GENERAL

Algonquin Story.

Administrative Chart.

Annual Report of Minister of Lands and Forests.

Bibliography of Canadian Biological Publication 1946.

Complete set of 29 Acts Administered by Department — Loose-leaf with leather binder or without binder.

Law Enforcement Guide and Related Subjects.

Definitions of Important Branches of Forestry.

Forest Spraying and Some Effects of DDT.

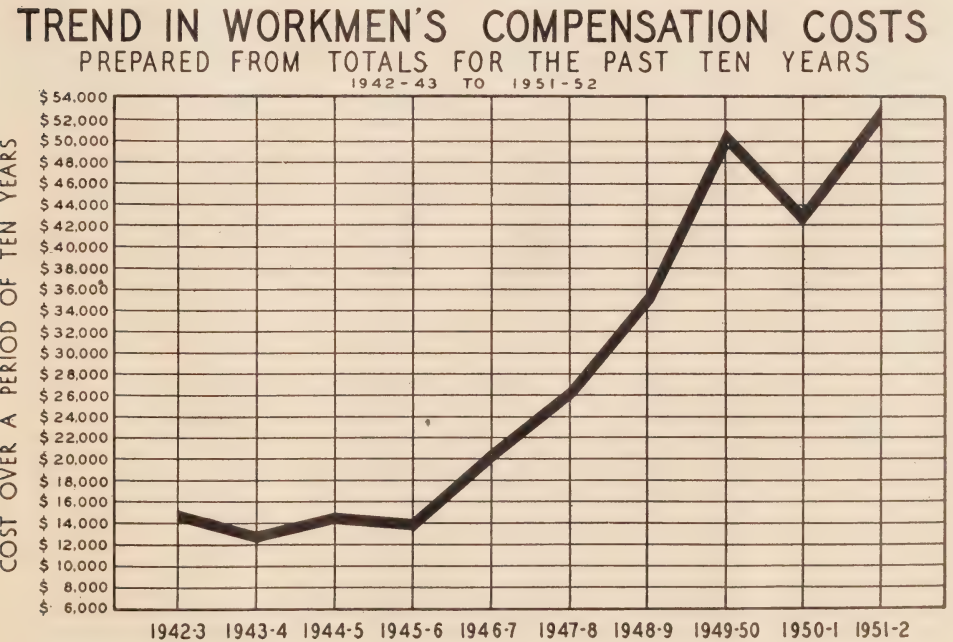
Glacial Pot Hole Area, Durham County.

Indians of Ontario.

Ontario Forest Atlas.

SYLVA, The Lands and Forests Review, six times per year.

NEWS RELEASE, issued once each week.



DIVISION OF REFORESTATION

TREES DISTRIBUTED TO PRIVATE LANDOWNERS (JULY 1, 1950 TO MARCH 31, 1952)

COUNTY OR DISTRICT	APPLICANTS	CONIFERS	HARDWOODS	TOTALS
Algoma	34	44,972	1,543	46,515
Brant	179	152,732	38,878	191,610
Bruce	185	143,510	15,291	158,801
Carleton	92	67,035	14,989	82,024
Cochrane	6	2,500	190	2,690
Dufferin	107	311,800	20,029	331,829
Dundas	29	76,600	5,540	82,140
Durham	205	875,401	41,453	916,854
Elgin	200	326,808	83,230	410,038
Essex	86	52,274	21,393	73,667
Frontenac	65	35,945	7,999	43,944
Glengarry	21	16,875	1,700	18,575
Grenville	23	31,556	2,260	33,816
Grey	250	303,675	17,398	321,073
Haldimand	102	71,240	47,801	119,041
Haliburton	60	80,156	3,996	84,152
Halton	195	119,191	33,386	152,577
Hastings	124	171,254	8,613	179,867
Huron	133	117,765	50,091	167,856
Kenora	9	9,191	817	10,008
Kent	66	79,250	16,550	95,800
Lambton	141	108,765	45,800	154,565
Lanark	85	111,520	8,860	120,380
Leeds	65	38,000	10,054	48,054
Lennox and Addington	74	65,715	7,269	72,984
Lincoln	77	38,531	14,083	52,614
Manitoulin	14	235,050	1,521	236,571
Middlesex	298	236,525	88,485	325,010
Muskoka	158	495,366	15,879	511,245
Nipissing	49	67,330	1,890	69,220
Norfolk	503	586,587	186,630	773,217
Northumberland	121	367,645	24,138	391,783
Ontario	235	628,232	160,682	788,914
Oxford	212	174,405	44,779	219,184
Parry Sound	135	347,565	6,245	353,810
Patricia				
Peel	308	370,001	47,227	417,228
Perth	99	61,220	33,217	94,437
Peterborough	123	168,155	9,172	177,327
Prescott	15	60,047	537	60,584
Prince Edward	38	38,322	4,888	43,210
Rainy River	6	51,810	340	52,150
Renfrew	95	94,805	2,981	97,786
Russell	12	49,975	4,628	54,603
Simcoe	622	1,846,534	102,365	1,948,899
Stormont	17	23,390	7,750	31,140
Sudbury	25	12,245	1,384	13,629
Thunder Bay	58	50,222	725	50,947

Continued on Next Page

COUNTY OR DISTRICT	APPLICANTS	CONIFERS	HARDWOODS	TOTALS
Temiskaming.....	20	7,240	445	7,685
Victoria.....	123	83,608	19,179	102,787
Waterloo.....	166	151,480	38,176	189,656
Welland.....	135	75,105	24,616	99,721
Wellington.....	125	169,327	35,160	204,487
Wentworth.....	220	169,573	36,551	206,124
York.....	1,002	724,578	135,613	860,191
TOTALS.....	7,547	10,798,603	1,554,416	12,353,019

SUMMARY OF TREES DISTRIBUTED
(JULY 1, 1950 TO MARCH 31, 1952)

	TOTAL SHIPMENTS	CONIFERS	HARDWOODS	TOTAL TREES
PRIVATE LANDS:				
Reforestation and				
Windbreak.....	7,547	10,798,603	1,554,416	12,353,019
School Children.....	—	—	—	—
SEMI-PUBLIC PROPERTIES.....	83	127,552	41,744	169,296
MUNICIPAL PROPERTIES:				
Municipal Forests.....	148	3,571,575	507,100	4,078,675
Forest Plantation.....	39	195,550	21,040	216,590
Roads.....	24	129,250	8,700	137,950
School Demonstration Plots.....	95	51,400	10,808	62,208
Conservation Authorities.....	28	400,025	178,425	578,450
Sundry.....	38	114,275	23,590	137,865
PROVINCIAL CROWN LANDS:				
Lands and Forests.....	80	1,915,792	47,120	1,962,912
Highways.....	8	53,200	66,200	119,400
Commissions.....	16	222,785	59,500	282,285
Limits.....	10	131,900	—	131,900
Sundry.....	15	50,620	2,395	53,015
DOMINION CROWN LANDS.....	42	160,649	85,650	246,299
SUB-TOTALS.....	8,173	17,923,176	2,606,688	20,529,864
EXTRANEOUS.....	34	160,106	59,298	219,404
TOTALS.....	8,207	18,083,282	2,665,986	20,749,268

NUMBER OF TREES DISTRIBUTED EACH YEAR—1946-1952

	1946	1947	1948	1949	1950	1951-52
Conifers.....	11,532,856	10,626,943	11,402,435	15,816,796	16,937,536	18,083,282
Hardwoods.....	1,642,719	1,642,590	1,647,341	1,884,174	2,090,271	2,665,986
Cuttings.....	—	—	—	—	—	—
TOTALS.....	13,175,575	12,269,533	13,049,776	17,700,970	19,027,807	20,749,268

COUNTY FORESTS

MARCH 31, 1952

	ACRES		ACRES
Bruce	13,628.75	Oxford	850.00
Dufferin	1,942.00	Prescott and Russell	17,897.58
Grey	4,699.08	Renfrew	221.00
Halton	797.66	Simcoe	11,452.55
Huron	1,337.00	Stormont, Dundas and Glengarry ..	1,142.00
Lanark	2,000.00	Victoria	6,672.00
Leeds and Grenville	4,221.00	Waterloo	633.00
Northumberland and Durham	4,380.00	York	3,325.99
Ontario	1,353.00	TOTAL	76,552.61

CONSERVATION AUTHORITIES

MARCH 31, 1952

	ACRES		ACRES
Ausable	634.00	Moirs River	985.00
Ganaraska	4,996.00	Upper Thames	2,374.00
Grand Valley	422.00		
Humber Valley	198.00	TOTAL	9,609.00



DIVISION OF RESEARCH

GROWTH OF RESEARCH ORGANIZATION

YEAR	STAFF* No.	YEAR	STAFF* No.
1930-31†	5	1941-42	1
1931-32	5	1942-43	2
1932-33	5	1943-44	5
1933-34	5	1944-45	7
1934-35	2	1945-46	15
1935-36§		1946-47	13
1936-37§		1947-48	13
1937-38§		1948-49	26
1938-39§		1949-50	35
1939-40§		1950-51	41
1940-41§		1951-52	45

*Source—Public Accounts

†Research started

§Research discontinued

HOW THE RESEARCH DOLLAR WAS SPENT IN 1951-1952

BRANCH OF RESEARCH	CENTS	BRANCH OF RESEARCH	CENTS
Fisheries	34.9	Mechanics	6.7
Wildlife	12.2	Statistical Analysis	2.4
Silviculture and Soil	32.5	Forest Pathology*	2.2
Tree Breeding	4.3	Forest Entomology†	1.1
Seed Studies	3.7		\$1.00

*Seconding of 1 man to Federal Laboratory of Forest Pathology

†Consultancy of 1 University Entomologist

RESEARCH APPORTIONED TO THE WORK OF THE
DIVISIONS OF THE DEPARTMENT IN 1951-52

DIVISION OF FISH AND WILDLIFE	DIVISIONS OF TIMBER MANAGEMENT AND REFORESTATION	DIVISION OF FOREST PROTECTION
48.2%	43.4%	8.4%
Fisheries research 34.9	Silviculture and Soil research 32.5	Mechanical research 5.0
Wildlife research 12.2	Tree Breeding 4.3	Forest Pathology* 2.2
Statistical analysis 1.1	Seed Studies 3.7	Forest Entomology† 1.1
	Mechanical research 1.7	Statistical analysis .1
	Statistical analysis 1.2	
48.2	43.4	8.4

*Seconding of 1 man to Federal Laboratory of Forest Pathology

†Consultancy of 1 University Entomologist

CO-OPERATING RESEARCH AGENCIES*

IN 1951-52

AGENCY	TYPE OF RESEARCH
GOVERNMENT OF CANADA	
Division of Forest Biology, Science Service, Department of Agriculture	Forest Pathology
	Forest Entomology
Division of Research, Forestry Branch, Department of Resources and Development	Forestry
Fisheries Research Board, Department of Fisheries	Fisheries
UNIVERSITIES AND COLLEGES	
Department of Zoology, University of Toronto.....	Fisheries
	Wildlife
Department of Botany, University of Toronto.....	Seed Studies
Faculty of Forestry, University of Toronto.....	Forestry
Department of Biology, University of Western Ontario.....	Wildlife
Ontario Agricultural College.....	Soil Studies
	Animal Diet
Ontario Veterinary College.....	Wildlife Pathology
	Animal Diet
RESEARCH COUNCIL OF ONTARIO†	
Department of the Provincial Secretary.....	Forestry
	Fisheries
	Wildlife
ONTARIO RESEARCH FOUNDATION.....	
	Forestry
	Fisheries
	Wildlife
PULP AND PAPER RESEARCH INSTITUTE OF CANADA.....	Forestry
LUMBER COMPANIES (INDIVIDUAL).....	Forestry
PULP AND PAPER COMPANIES (INDIVIDUAL).....	Forestry
ONTARIO FEDERATION OF COMMERCIAL FISHERMEN.....	Fisheries
ONTARIO FISH MERCHANTS ASSOCIATION.....	Fish Utilization

*Not including Divisions and Districts of the Ontario Department of Lands and Forests, or scientific exchange with numerous Canadian and foreign agencies.

†A research co-ordinating body; includes advisory committees on Forestry, Soils, Fisheries and Wildlife.



DIVISION OF SURVEYS AND ENGINEERING

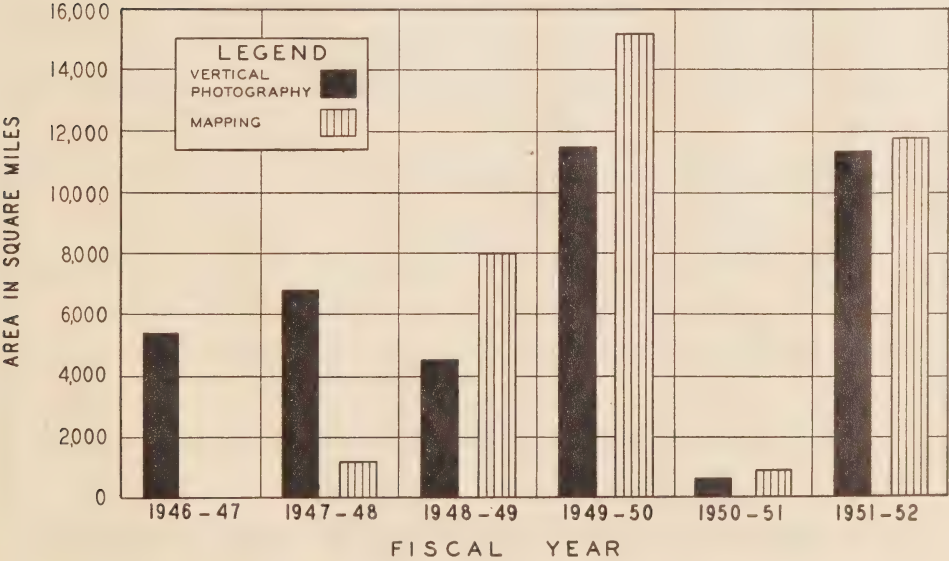
MAP DISTRIBUTION

NATIONAL TOPOGRAPHIC SERIES,

Ten new map sheets were available for distribution this year, as follows:

NAME	LONGITUDE	LATITUDE
Chabbie Lake.....	79° 30' - 80° 00'	49° 30' - 50° 00'
Elk Lake.....	80° 00' - 81° 00'	47° 30' - 48° 00'
Gogama.....	81° 00' - 82° 00'	47° 30' - 48° 00'
Island Falls.....	81° 00' - 82° 00'	49° 30' - 50° 00'
Little Abitibi.....	80° 00' - 81° 00'	49° 00' - 49° 30'
Maple Mountain.....	80° 00' - 81° 00'	47° 00' - 47° 30'
Montreuil Lake.....	80° 00' - 81° 00'	49° 30' - 50° 00'
Patten River.....	79° 30' - 80° 00'	49° 00' - 49° 30'
Smooth Rock.....	81° 00' - 82° 00'	49° 00' - 49° 30'
Westree.....	81° 00' - 82° 00'	47° 00' - 47° 30'

AIR SURVEY FOR
FOREST RESOURCES INVENTORY



The following three sheets of this series were received in proof form only:

NAME	LONGITUDE	LATITUDE
Jellicoe.....	87° 00' - 88° 00'	49° 30' - 50° 00'
New Liskeard.....	79° 30' - 80° 00'	47° 30' - 48° 00'
Haileybury.....	79° 30' - 80° 00'	47° 00' - 47° 30'

A total of 3,925 map sheets of this series were distributed during the year, this number being an increase of approximately 75% over the previous distribution.

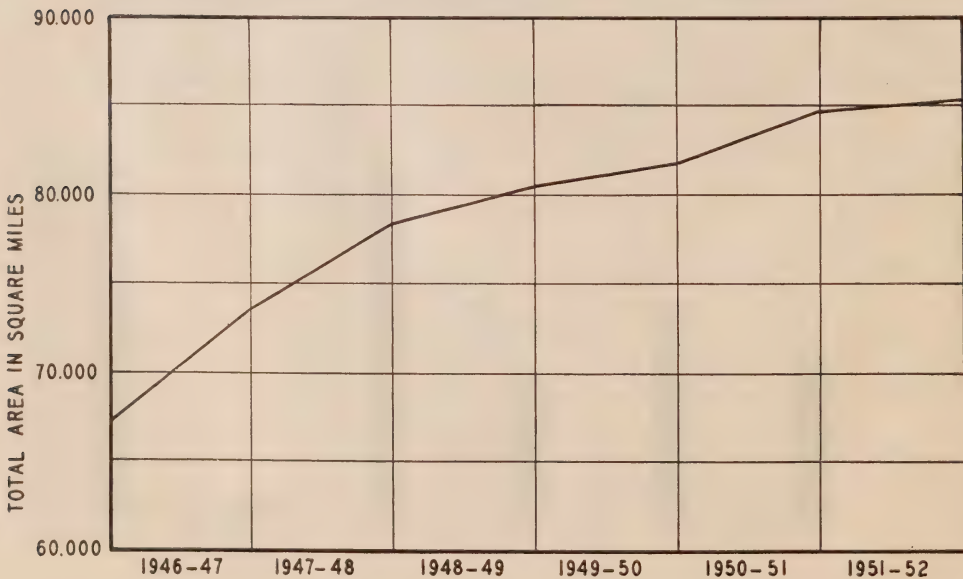
WHITEPRINTING AND TRANSPARENT LINEN REPRODUCTIONS

62,821 square feet of sensitized paper, opaque linen and transparent linen were used for the reproduction of survey plans, as follows:

Transparent Linen	9,618 square feet
Opaque Linen	368 square feet
Whiteprinting	52,835 square feet
TOTAL	62,821 square feet

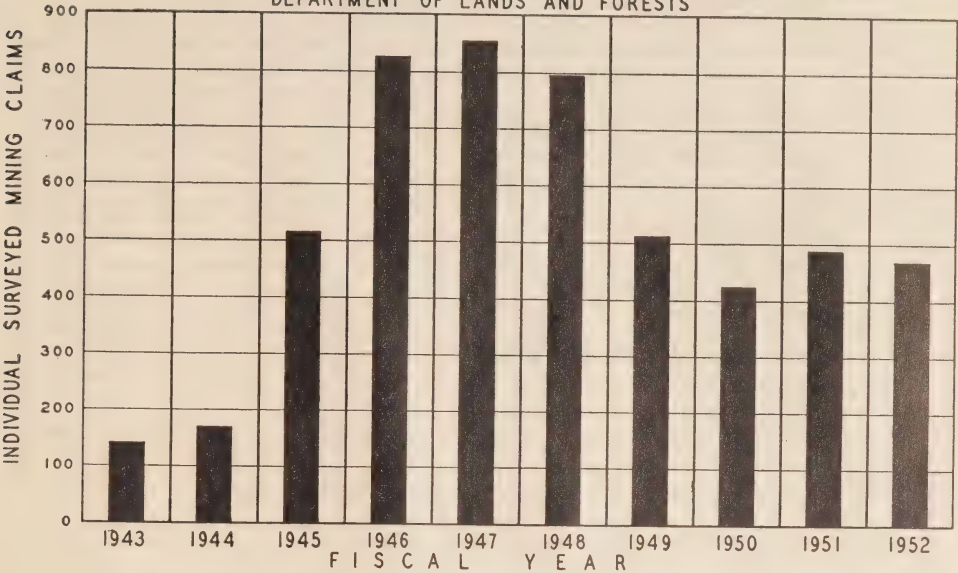
There has been a considerable increase in the use of transparent linen prints, which eliminates the preparation of hand-drawn copies of survey plans.

VERTICAL PHOTOGRAPHY OTHER THAN FOREST RESOURCES INVENTORY



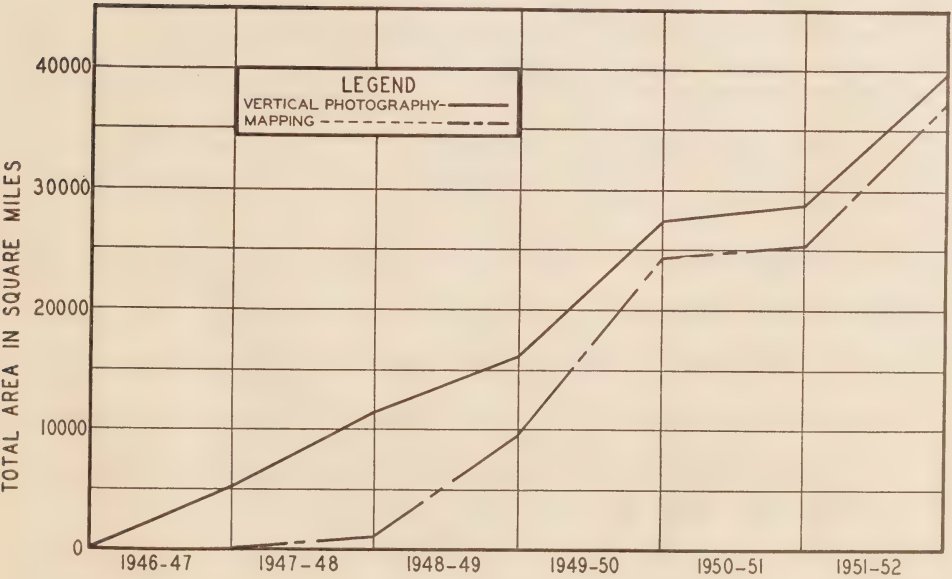
SURVEYED MINING CLAIMS ON CROWN LAND

EXAMINED BY THE DIVISION OF SURVEYS AND ENGINEERING
DEPARTMENT OF LANDS AND FORESTS



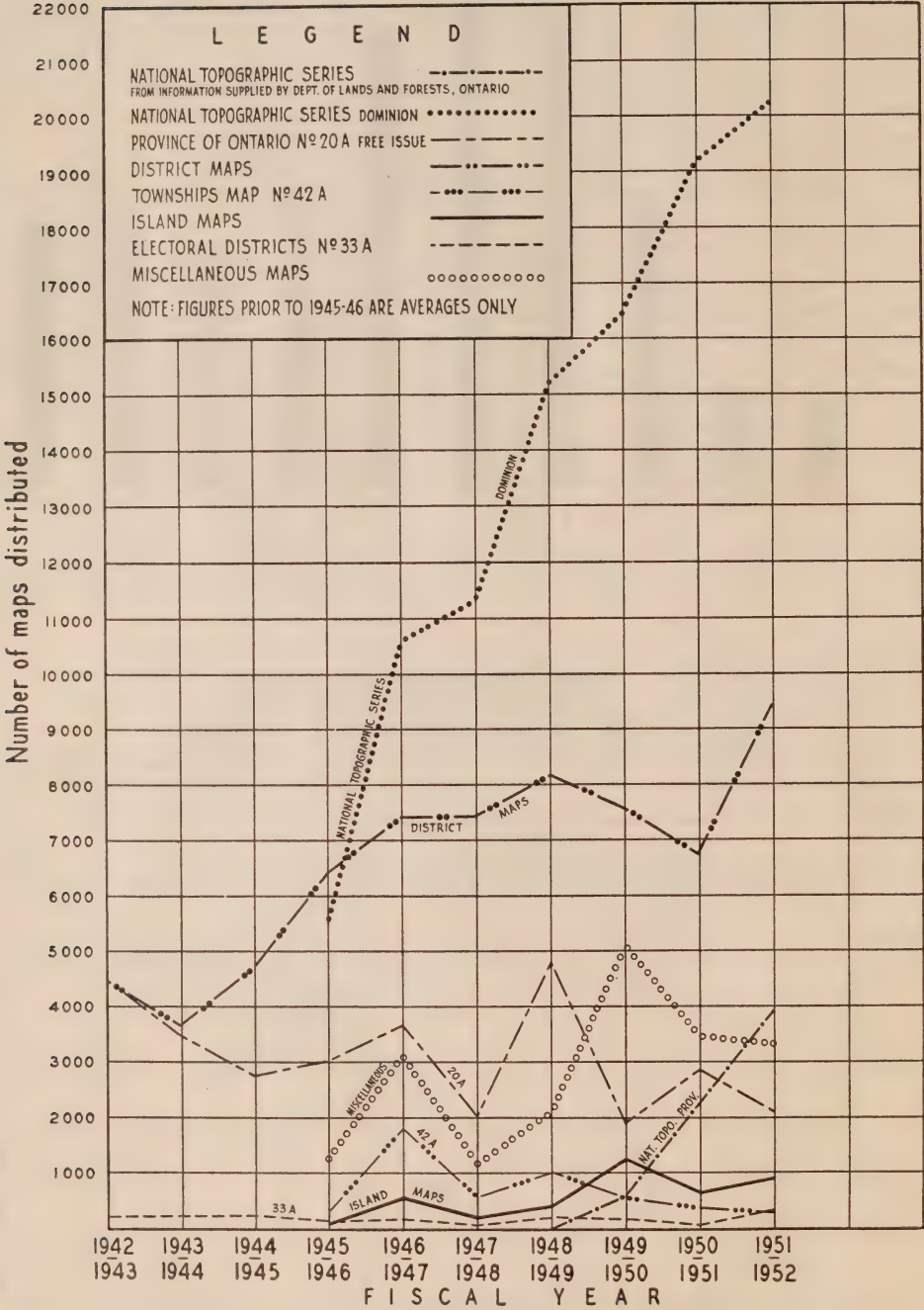
PROGRESS CHART

VERTICAL PHOTOGRAPHY AND MAPPING



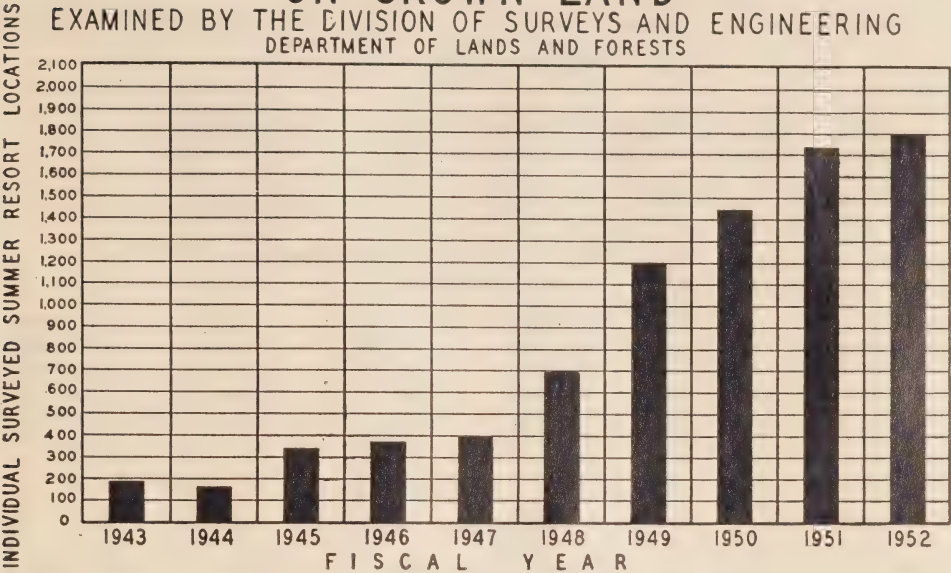
TREND OF MAP DISTRIBUTION

DEPARTMENT OF LANDS AND FORESTS



SURVEYED SUMMER RESORT LOCATIONS ON CROWN LAND

EXAMINED BY THE DIVISION OF SURVEYS AND ENGINEERING
DEPARTMENT OF LANDS AND FORESTS



DIVISION OF TIMBER MANAGEMENT

TIMBER SALES 1951-52

	NO.	AREA (SQ. MILES)
Licences and Renewals Issued 1951-52	782	10,598 $\frac{1}{4}$
Licences, in Suspense	33	293 $\frac{3}{4}$
TOTAL	815	10,892

AREA UNDER PULPWOOD AND TIMBER AGREEMENT

FISCAL YEAR	SQ. MILES	FISCAL YEAR	SQ. MILES
1942-43	71,636.50	1947-48	66,254.50
1943-44	56,690.50	1948-49	66,980.75
1944-45	59,353.00	1949-50	69,860.75
1945-46	53,754.00	1950-51	80,460.75
1946-47	56,745.00	1951-52	83,316.00

AMOUNTS OF TIMBER CUT FOR YEAR ENDING MARCH 31st, 1951

SPECIES	PIECES	FEET	CORDS	CUBIC FEET
Red and White Pine	2,184,471	133,608,215	—	30,238,536
Jack Pine	4,642,248	63,771,694	541,823.32	80,830,186
Spruce	1,613,963	34,169,138	2,109,391.17	202,853,618
Balsam	80,620	938,820	132,828.99	12,491,346
Hemlock	573,094	26,088,994	—	6,679,020
Birch	387,574	30,499,137	—	6,679,281
Maple	160,603	10,448,492	—	2,361,248
Other Hardwood	95,693	4,271,194	—	1,144,690
Poplar	338,228	7,006,010	105,317.58	12,238,894
Cedar	10,699	182,972	—	78,090
Tamarac	807	18,929	—	7,201
	10,088,000	311,003,595	2,889,361.06	355,602,110

SPECIES	PIECES	LINEAL FEET	CORDS	CUBIC FEET
Mixed Logs	1,122,480	—	—	6,885,639
Stavewood	—	—	—	138,076
Piling	4,685	—	—	75,056
Piling	—	2,617	—	—
Ties	219,523	—	—	1,080,895
Ties	18,057	—	—	54,171
Poles	93,225	—	—	1,603,376
Poles	2,313	—	—	23,130
Posts	11,622	—	—	17,433
Fuelwood	—	—	13,790.06	1,241,105
Lagging	13,202	201,520	—	—
Lagging	30,103	—	—	—
Car Stakes	3,858	—	—	—
			13,790.06	11,118,881

TIMBER SALES FROM APRIL 1, 1951 TO MARCH 31, 1952
1951 — 1952

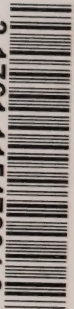
DATE OFFERED	DATE SOLD	LOCALITY	AREA SQUARE MILES	NO. OF TEN- DERS	TO WHOM SOLD	PRICES PAID				TOTAL	FILE
						Kind of Timber	BID \$	BONUS \$	DUES \$		
1951 June 1	1951 June 25	Sheraton Twp.	1/4	2	Chaput's Wood Yard, Timmins, Ont.	White Spruce Logs Bl. Spruce Pulpwood Birch	2.00 .95 .75	10.00 — .75	4.00 2.80 1.00	\$ 16.00 per M. ft. B.M. 3.75 per cord 2.00 per cord	127963
Sept. 5	Sept. 26	Byshe Twp.	2	2	Kenneth McDougall, Red Lake, Ont.	Spruce Logs Jackpine Logs	1.50 1.00	1.00 1.00	4.00 4.00	6.50 per M. ft. B.M. 6.00 per M. ft. B.M.	61306
Sept. 7	Sept. 26	Ferrie Twp.	1 1/4	4	Howard Bosley, Maple Island, Ont.	Hemlock Logs Yellow Birch Logs Maple Logs Spruce Logs Elm Logs Ash Logs White Pine Logs Spruce Pulpwood Balsam Pulpwood	7.00 13.50 8.25 8.00 7.50 3.50 10.00 .50 .50	.50 2.50 1.75 — .50 .50 2.00 — —	3.00 5.00 5.00 4.00 5.00 5.00 5.00 2.80 1.40	10.50 per M. ft. B.M. 21.00 per M. ft. B.M. 15.00 per M. ft. B.M. 12.00 per M. ft. B.M. 13.00 per M. ft. B.M. 9.00 per M. ft. B.M. 17.00 per M. ft. B.M. 3.30 per cord 1.90 per cord	5328
Sept. 12	Oct. 2	Ballantyne Twp.	1 3/4	1	R. Connolly, Trout Creek, Ont.	Maple Logs Hemlock Logs Poker Timber	.50 .50 .15	2.50 1.25 .10	5.00 3.00 1.00	8.00 per M. ft. B.M. 4.75 per M. ft. B.M. 1.25 per cord	9458
Sept. 13	Oct. 3	Shaw Twp.	1/4	3	Renie Martineau, 230 Rea St., N., Timmins, Ont.	Spruce Logs Balsam Logs Spruce Pulpwood Balsam Pulpwood Hard Fuelwood	7.50 7.50 1.75 1.75 .90	2.50 1.50 .20 .85 .10	4.00 4.00 2.80 1.40 1.00	14.00 per M. ft. B.M. 13.00 per M. ft. B.M. 4.75 per cord 4.00 per cord 2.00 per cord	11621
Sept. 17	Oct. 9	Part Ignace Twp. North of the C.N.R., Kenora Dist.	3 3/4	4	H. L. Moffatt, Dominion Bank Building, Port Arthur, Ont.	Jackpine Pulpwood Spruce Pulpwood Balsam Pulpwood Poplar Pulpwood	.40 .55 .55 .40	.80 .80 .05 .10	1.40 2.80 1.40 1.00	2.60 per cord 4.15 per cord 2.00 per cord 1.50 per cord	35001

DATE OFFERED	DATE SOLD	LOCALITY	AREA SQUARE MILES	NO. OF TEN-DERS	TO WHOM SOLD	PRICES PAID				TOTAL	FILE
						KIND OF TIMBER	BID \$	BONUS \$	DUES \$		
1951	1951										
Sept. 18	Oct. 10	Richardson Twp.	1/4	1	Don Ross, Box 50, Emo, Ont.	Jackpine Spruce Poplar	.01 1/4 .01 .00 1/2	.03 .04 .03		.04 1/4 per cu. ft. .05 per cu. ft. .03 1/2 per cu. ft.	122473
Sept. 24	Oct. 12	Pts. Ridout & Sherborne Twps.	1 1/2	1	Stanley A. Hanes, Baysville, Ont.	Poplar Sawlogs Poplar Pulpwood Spruce Pulpwood Jackpine Pulpwood	.30 .15 .25 —	2.20 .85 1.30 .65	3.00 1.00 2.80 1.40	5.50 per M. ft. B.M. 2.00 per M. ft. B.M. 4.35 per cord 2.05 per cord	37386
Oct. 11	Oct. 30	McCart Twp.	1/2	2	Chaput's Wood Yard, 160 Windsor Ave., Timmins, Ont.	Hemlock Logs Spruce Logs Birch Logs Maple Logs Oak Logs Basswood Logs Beech Logs	— .50 1.00 — 1.00 — —	.50 1.00 .50 .75 .50 — 3.00	3.00 4.00 5.00 5.00 5.00 5.00 3.00	3.50 per M. ft. B.M. 5.50 per M. ft. B.M. 5.50 per M. ft. B.M. 5.75 per M. ft. B.M. 6.50 per M. ft. B.M. 5.00 per M. ft. B.M. 6.00 per M. ft. B.M.	13092
Oct. 16	Nov. 6	Brower Twp.	1 1/4	2	George W. Skidmore, Brower, Ont.	Spruce Logs Spruce Pulpwood Balsam Pulpwood Hard Fuelwood	3.50 .50 1.25 .65	2.50 .20 .85 .10	4.00 2.80 1.40 1.00	10.00 per M. ft. B.M. 3.50 per cord 3.50 per cord 1.75 per cord	46605
Oct. 16	Nov. 6	Galbraith & Haughton Twps.	1/4	1	Messrs. R. Beilantz and Walter McGregor, Bruce Station, Ont.	Spruce Logs Balsam Logs Spruce Pulpwood Balsam Pulpwood Hard Fuelwood Yellow Birch Logs Maple Logs Oak Logs Hemlock Logs	1.00 1.00 1.00 .50	6.50 2.50 6.50 1.00	5.00 5.00 5.00 3.00	12.50 per M. ft. B.M. 8.50 per M. ft. B.M. 12.50 per M. ft. B.M. 4.50 per M. ft. B.M.	126111

DATE OFFERED	DATE SOLD	LOCALITY	AREA SQUARE MILES	NO. OF TEN- DERS	TO WHOM SOLD	PRICES PAID				TOTAL	FILE
						KIND OF TIMBER	BID	BONUS	DUES		
1951 Dec. 6	1952 Jan. 8	Hoyle Twp.	1/4	2	Oscar J. Frank, Porquis Junction, Ont.	Spruce Logs Balsam Logs Spruce Pulpwood Balsam Pulpwood Poplar Logs Poplar Pulpwood	\$.20 .10 1.00 .20 .10 .10	\$— — .20 .85 — .10	\$ 4.00 4.00 4.00 1.40 3.00 1.00	\$ 4.20 per M. ft. B.M. 4.10 per M. ft. B.M. 4.00 per cord 2.45 per cord 3.10 per cord 1.20 per cord	144962
Dec. 6	Jan. 10	McDonough & Bateman Twps.	4	2	Red Lake Lumber Company, Red Lake, Ont.	Spruce Logs Jackpine Logs Balsam Logs	1.00 1.00 —	1.00 1.00 —	4.00 4.00 4.00	6.00 per M. ft. B.M. 6.00 per M. ft. B.M. 4.00 per M. ft. B.M.	61306
Dec. 10	1951 Dec. 20	Haycock Twp.	1/4	1	R. L. Hertz, & Arthur Herbacz, Box 361, Kenora, Ont.	Spruce Pulpwood Spruce (cu. feet)	.10 .01	.70 —	2.80 .04	3.60 per cord .05 per cu. ft.	24421
Dec. 10	Dec. 20	Haycock Twp.	3/4	1	R. L. Hertz & A. Herbacz, Box 361, Kenora, Ont.	Spruce Pulpwood Balsam Pulpwood Poplar Pulpwood	.25 .10 —	.70 .60 .10	2.80 1.40 1.00	3.75 per cord 2.10 per cord 1.10 per cord	24421
Dec. 12	1952 Jan. 9	Duncan Twp.	1/2	7	Fred I. Carlson, Thessalon, Ont.	Spruce (cu. feet)	.01	—	UPSET PRICE .04	.05 per cu. ft.	139091
Dec. 12	Jan. 9	Herrick Twp.	2 1/2	5	Paul Nenonen, 123 Stanley St., Sault Ste. Marie, Ont.	Yellow Birch Logs Maple Logs Oak Logs White Birch Logs Spruce Pulpwood Balsam Pulpwood	29.50 3.50 .50 11.50 11.00 10.00 8.00 8.00 1.00 .85 .65	6.00 3.50 .50 3.50 — 4.75 2.00 3.00 3.00 — —	5.00 5.00 3.00 5.00 4.00 5.00 5.00 5.00 3.00 2.80 1.40	40.50 per M. ft. B.M. 12.00 per M. ft. B.M. 4.00 per M. ft. B.M. 20.00 per M. ft. B.M. 15.00 per M. ft. B.M. 19.75 per M. ft. B.M. 15.00 per M. ft. B.M. 16.00 per M. ft. B.M. 7.00 per M. ft. B.M. 3.65 per cord 2.05 per cord	130406

DATE OFFERED	DATE SOLD	LOCALITY	AREA SQUARE MILES	NO. OF TEN- DERS	TO WHOM SOLD	PRICES PAID				TOTAL	FILE
						KIND OF TIMBER	BID \$	BONUS \$	DUES \$		
1952 Jan. 8	1952 Jan. 22	McClure Twp.	1/2	2	John S. L. McRae, Whitney, Ont.	Red and White Pine Logs Balsam Logs Basswood Logs Yellow Birch Logs Maple Logs Spruce Logs Ash Logs Beech Logs Elm Logs Hemlock Logs Poplar Logs Balsam Pulpwood Spruce Pulpwood Poplar Pulpwood Hard Fuelwood	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 — — — —	6.50 3.00 3.00 4.00 4.00 2.00 3.00 5.00 3.00 5.00 3.00 1.00 — — — —	5.00 4.00 5.00 5.00 5.00 4.00 5.00 4.00 3.00 5.00 3.00 3.00 1.40 2.80 1.00 1.00	\$ 13.50 per M. ft. B.M. 9.00 per M. ft. B.M. 10.00 per M. ft. B.M. 11.00 per M. ft. B.M. 11.00 per M. ft. B.M. 8.00 per M. ft. B.M. 10.00 per M. ft. B.M. 10.00 per M. ft. B.M. 10.00 per M. ft. B.M. 10.00 per M. ft. B.M. 6.00 per M. ft. B.M. 1.75 per cord 3.00 per cord 1.15 per cord 1.50 per cord	23515
Jan. 15	Jan. 30	Aberdeen Twp.	3/4	7	Fred I. Carlson, Box 74, Thessalon, Ont.	Yellow Birch Logs Maple Logs Hemlock Logs Spruce Logs	26.00 4.00 1.00 4.00	4.00 1.00 — —	5.00 5.00 3.00 4.00	35.00 per M. ft. B.M. 10.00 per M. ft. B.M. 4.00 per M. ft. B.M. 8.00 per M. ft. B.M.	40720
Feb. 4	Feb. 26	Newmarket Twp.	1/4	2	Roland L'Abbe, Potter P.O., Ont.	Spruce Pulpwood Larch Fuelwood	1.50 .10	.20 .10	2.80 1.20	4.50 per cord 1.20 per cord	79690

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						KIND OF TIMBER	BID	BONUS	DUES		
1951 Oct. 30	1951 Nov. 29	Forgie Twp.	1½	1	Carl Jacobson, Box 482, Kenora Dist., Ont.	Spruce Pulpwood Jackpine Pulpwood Balsam Pulpwood Spruce Jackpine Balsam	.80 .30 .30 .01 .01 .02	.70 .60 .60 — — —	\$ 2.80 1.40 1.40 .04 .04 .02	4.30 per cord 2.30 per cord 2.30 per cord .05 per cu. ft. .05 per cu. ft. .04 per cu. ft.	125452
Nov. 6	Nov. 30	Gould Twp.	¾	3	Fred I. Carlson, P.O. Box 74, Thessalon, Ont.	Yellow Birch Logs Maple Logs Hemlock Logs Oak Logs	29.75 2.50 1.00 8.00	10.50 4.50 1.00 7.00	5.00 5.00 3.00 5.00	45.25 per M. ft. B.M. 12.00 per M. ft. B.M. 5.00 per M. ft. B.M. 20.00 per M. ft. B.M.	10969
Nov. 15	Dec. 4	Shammis Island, Kenora Dist.	1¼	1	Joe Peterson, Box 112, Kenora, Ont.	Red and White Pine Logs Spruce Logs	2.75 1.75	7.00 6.00	5.00 4.00	14.75 per M. ft. B.M. 11.75 per M. ft. B.M.	60702
Nov. 29	Dec. 19	Jaffray Twp.	½	3	H. Wolfe, 1115 Ninth St., N., Kenora, Ont.	Jackpine Pulpwood and Logs Spruce Pulpwood and Logs Balsam Pulpwood and Logs	1.00 .75 1.00	.60 .70 .60	1.40 2.80 1.40	3.00 per cord 4.25 per cord 3.00 per cord	19094
Dec. 3	Dec. 19	Gladstone Twp.	¼	3	Fred I. Carlson, Thessalon, Ont.	Yellow Birch Logs Maple Logs Hemlock	27.25 4.25 .50	5.50 .75 .50	5.00 5.00 3.00	37.75 per M. ft. B.M. 10.00 per M. ft. B.M. 4.00 per M. ft. B.M.	27733
Dec. 5	1952 Feb. 15	Matheson Twp.	¼	3	J. R. Quirion, Connaught Station, Ont.	Black Spruce Logs Black Spruce Pulpwood	— 1.00	2.50 .20	4.00 2.80	6.50 per M. ft. B.M. 4.00 per M. ft. B.M.	63388
Dec. 6	Jan. 3	Parkinson Twp.	1¼	2	Mr. Edward Tapp, R.R. #1, Iron Bridge, Ont.	Birch Logs Maple Logs Hemlock Logs Cedar Poles	11.00 2.00 2.00 —	4.00 1.00 — ½c	5.00 5.00 3.00 .04	20.00 per M. ft. B.M. 8.00 per M. ft. B.M. 5.00 per M. ft. B.M. .045 per cu. ft.	19753



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